

**UNCLASSIFIED**

---

---

**AD 294' 587**

*Reproduced  
by the*

**ARMED SERVICES TECHNICAL INFORMATION AGENCY  
ARLINGTON HALL STATION  
ARLINGTON 12, VIRGINIA**



---

---

**UNCLASSIFIED**

NOTICE: When government or other drawings, specifications or other data are used for any purpose other than in connection with a definitely related government procurement operation, the U. S. Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use or sell any patented invention that may in any way be related thereto.

63-2-2  
Pub. 53

ASTIA  
CATALOGUE  
SAD 100.

294 587

BIBLIOGRAPHY ON  
LISTERIA, LISTELLA, AND LISTERIOSIS

ASTIA AVAILABILITY NOTICE

Qualified requestors may obtain copies of this document from ASTIA.

This publication has been cleared for release to the general public. Non-DOD agencies may purchase this publication from the Office of Technical Services, U. S. Department of Commerce, Washington 25, D. C.

Published by

TECHNICAL LIBRARY  
FORT DETRICK, FREDERICK, MARYLAND  
1 October 1957

BIBLIOGRAPHY ON  
LISTERIA, LISTRELLA, AND LISTERIOSIS

	<u>Page</u>
Introduction.....	1
I. General.....	1
II. Detection and Identification.....	5
III. Culture Media.....	5
IV. Morphology.....	6
V. Clinical Picture: Case Histories.....	7
VI. Human Pathogenicity.....	11
VII. Human Pathology.....	12
VIII. Variations.....	14
IX. Serological and Antigenic Structure.....	14
X. Effect of Physical Agents.....	18
XI. Effect of Chemical Agents.....	18
XII. Chemotherapy.....	20
XIII. Immunology, Vaccines, Prophylaxes.....	21
XIV. Animal Sources and Animal Pathogenicity.....	22
XV. Animal Pathology.....	31
XVI. Methodology.....	34
XVII. Tissue Culture.....	35
XVIII. Freeze Drying.....	36
XIX. Staining.....	36
XX. Epidemiology	
General Epidemiology.....	37
Laboratory Infections.....	38
Epidemic Countries.....	38
XXI. New.....	48
Author Index.....	49

References marked with an asterisk (\*) are those which are available for loan in the Fort Detrick Technical Library. This bibliography is being kept up to date by a file of current references which is available in the Library.

This bibliography contains journal references covering the years 1940 to October 1957. A few earlier references will be noted from time to time. Main sources of references were: Biological Abstracts; Bulletin of Hygiene; Current List of Medical Literature; Excerpta Medica (Sections IV, V, VI); Index Catalogue of the Surgeon-General's Office; Quarterly Cumulative Index Medicus; Veterinary Bulletin; and Zentralblatt fuer Bakteriologie, Parasitenkunde, Infektionskrankheiten und Hygiene, Abt. I., Referate.

References listed in this bibliography have been located through the bibliographic tools available in this library; it is not claimed to be a complete bibliography on the subject.

When abstracts were located they have been cited. It is hoped that there are no serious errors either in classification or by way of omissions.

BIBLIOGRAPHY ON  
LISTERIA, LISTRELLA, AND LISTERIOSIS

I. GENERAL

- \* Barber, Mary.  
A comparative study of  
Listerella and Erysipelothrix.  
J. Pathol. Bact. 48: 11-23, 1939.
- \* Belin, M.  
Contribution to the study of  
Listerella monocytogenes. Ann.  
Inst. Pasteur. 73(1): 99-101,  
1947.  
Excerpta Med. (IV) #478 (1948).
- Belin.  
Human and animal listerellosis  
(Erysipelothrix) in France.  
Bull. Acad. Med. (Paris). 130:  
227, 1946.
- Beller, K.; and Zeller.  
Ist das bosartige Katarrhafieber  
eine Listeriainfektion? Berlin  
Muench. tierarztl. Wochschr. 64:  
193-196, 1951.  
Zentr. Bakteriol. Parasitenk.  
Abt. I. Ref. 151: 434, 1953.
- Benazet, F.  
Recherches sur le role des  
Listerella dans la mononucléose  
infectieuse. These, Lyon, 1943.
- \* Bergey, David H.  
Manual of determinative bacteriology.  
6th ed. Baltimore, Williams  
& Wilkins Co., 1948.
- \* Burns, Caspar G.  
Characteristics of a new species  
of the genus Listerella obtained  
from human sources. J. Bact. 30:  
573-591, 1935.
- Erdmann, G.  
Listeria monocytogenes. VIII  
Intern. Congr. Paediat., Kopen-  
hagen, 1956.  
Zentr. Bakteriol. Parasitenk.  
Abt. I. Ref. 162: 224, 1957.
- Erdmann, G.; and Potel, J.  
Listerosis of newborn: "granu-  
lomatosis infantiseptica" (so-  
called pseudotuberculosis-argyro-  
philic sepsis). Zeit. Kinderhailk.  
73: 113-132, 1953.
- \* Eveleth, D. F.; Goldsby, A. I.;  
Bolin, F. M.; Holm, G. C.; and  
Turn, J.  
Field trials and laboratory  
tests with Listeria bacterins.  
Proc. 90th Ann. Meeting Amer.  
Vet. Med. Assoc. (Toronto).  
154-155, 1954.  
Vet. Bull. #588 (1955).

## I. GENERAL

- \* Finegold, Sydney M.; Bradley, John G.; Campbell, Malcolm K.; and Greenberg, Albert J.  
*Listeria monocytogenes meningitis. Summation of literature and report of two new cases.* Arch. Internal Med. 93(4): 515-527, 1954.  
Biol. Abstr. #29136 (1954).
- Geurden, L. M. G.  
*Listeriosis. A critical study.* Ann. soc. belge med. trop. 34(6): 901-911, 1954.
- Geurden, L. M.; and Devos, A.  
*Investigations on some properties of Listerella monocytogenes.* Antonie van Leeuwenhoek; J. Microbiol. Serol. 21(2) 169-176, 1955.  
Bull. Hyg. 30: 921, 1955.
- \* Girard, K. F.; and Murray, E. G. D.  
*Listeria monocytogenes as the cause of disease in man and animals, and its relation to infectious mononucleosis from an etiological and immunological aspect.* Amer. J. Med. Sci. 221: 343-352, 1951.  
Vet. Bull. #1983 (1952).
- Goret, P.  
*Is listeriosis a disease of the future? Aetiology of swine erysipelas.* Rev. med. vet., Lyon et Toulouse. 98: 317-321, 1947.
- \* Graham, R.  
*Listerella encephalitis or encephalomyelitis in domestic animals.* J. Amer. Vet. Med. Assoc. 95: 289-292, 1939.
- Graham, R.; Hester, H. R.; and Levine, N. D.  
*Listeria (Listerella) infections in domestic animals.* Proc. 58th Ann. Meeting Ohio State Vet. Med. Assoc. 88-93, 1941.  
Vet. Bull. 12: 526, 1942.
- Gray, Mitchell L.  
*Listeria monocytogenes: a review and colonial dissociation.* Thesis, Mich. State Coll., 120p., 1954.
- \* Hagan, William Arthur; and Bruner, Dorsey William.  
*The infectious diseases of domestic animals.* 2nd ed. Comstock Publ. Co., Inc., 1951.
- \* Hein, Helmut.  
*Bacteriologic and experimental studies on Listeria monocytogenes.* Pirie. Zentr. Bakteriol. Parasitenk. Abt. I. Orig. 159: 170-172, 1953.  
Biol. Abstr. #32623 (1953).  
Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 160: 72, 1956.
- Horton-Smith, C.  
*Infectious diseases of swine.* Kansas City, Veterinary Med. Publ. Co., 1957.  
Vet. Bull. #2870 (1957).
- \* Hull, T. G.  
*Diseases transmitted from animals to man.* 4th ed. Charles C. Thomas, Springfield, 1955.
- Hymersma.  
*Listeriosis.* Ned. Tijdschr. 55(6): 427-432, 1955.
- \* Jordan, Edwin O.; and Burrows, William.  
*Textbook of bacteriology.* 13th ed. Philadelphia, W. B. Saunders Co., 1941.
- \* Judicial Commission.  
*Conservation of Listeria Pirie 1940 as a generic name in bacteriology.* Intern. Bull. Bact. Nomen. Tax. 4(3/4): 150-151, 1954.  
Biol. Abstr. #14028 (1955).

## I. GENERAL

- \* Judicial Commission.
  - Names of bacterial genera to be rejected as later synonyms of names of genera of Protozoa. Intern. Bull. Bact. Nomen. Tax. 4(3/4): 156-158, 1954.
  - Biol. Abstr. #14030 (1955).
- \* Julianelle, L. A.
  - Function of Listerella in infection. Ann. Internal Med. 14: 608-620, 1940.
- \* Kaplan, Martin M.
  - Listerellosis. New England J. Med. 232: 755-759, 1945.
  - Bull. Hyg. 20: 708, 1945.
- \* Kelser, Raymond Alexander; and Schoening, Harris W.
  - Manual of veterinary bacteriology. 5th ed. Baltimore, Williams & Wilkins Co., 1948.
- Krepler, P.; and Flamm, H.
  - Die Listeriose. Ergeb. inn. Med. Kinderheilk. 7: 64-146, 1956.
  - Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 163: 519, 1957.
- Linsert, H.
  - Erysipelothrix (Listeria) monocytogenes infection in sheep. Monatsh. Vetinaermed. 9: 445-449, 1954.
  - Vet. Bull. #2279 (1955).
  - Excerpta Med. (IV) #1744 (1955).
- Die Listeriose; Sammireferat. Medizinische. #31-32: 1110-1113, 1956.
- \* Merchant, Ivan Arthur.
  - Veterinary bacteriology. 4th ed. Iowa State Coll. Press, Ames, Iowa, 1950.
- Monberg-Jorgensen, H. O.
  - Listeria (Erysipelothrix) infection. Maanedsskr. Drylaeger. 52: 222-243, 1940.
  - Vet. Bull. #290 (1947).
- Mueller, G.
  - Listeriose und Fruchtwasserinfektion. Geburtsh. u Frauenheilk. 16(6): 496-507, 1956.
- \* Murray, E. G. D.
  - A characterization of Listeriosis in man and other animals. Can. Med. Assoc. J. 72: 99-103, 1955.
- Murray, E. G. D.
  - The story of Listeria. Trans. Roy. Soc. Can. Biol. Sci. Sec. 5 47: 15-21, 1953.
  - Biol. Abstr. #18947 (1954).
- Nyfeldt, Aage.
  - L. monocytogenes and its importance and veterinary medicine. Skand. Vet. Tidskr. 30(3): 280-285, 1940.
  - Biol. Abstr. #1345 (1946).
- Nyfeldt, A.
  - Significance in human and in veterinary medicine of Bacteria monocytogenes. Ugeskrift Laeger. 102: 773-774, 1940.
- Olafson, P.
  - Listerella encephalitis (circling disease) of sheep, cattle and goats. Cornell Vet. 30: 141-150, 1940.
  - Vet. Bull. 10: 911, 1940.
- Paterson, J. S.
  - The present position regarding Listerella monocytogenes infection in animals and man. Vet. Record. 51: 873-876, 1939.
  - Vet. Bull. 10: 325, 1940.

## I. GENERAL

- \* Pirie, J. H.  
Genus Listerella Pirie. Science. 91: 383, 1940.
- Pirie, J. H. H.  
A new disease of veld rodents, "Tiger river disease". S. African Inst. Med. Research Publ. 3: 163-186, 1927.
- \* Pirie, J. H. H.  
Listeria: Change of name for a genus of bacteria. Nature. 145: 264, 1940.  
Vet. Bull. 10: 325, 1940.
- Poppe, K.  
In Gundel: Infektionskrankheiten. 4 Aufl., Stuttgart: Thieme, 1950.
- Potel, J.  
Bacteriology, serology and epidemiology of Listeria infection in children. Kinderaertzl. Praxis. 100-104, 1953.
- Potel, J.  
Status of knowledge on Listeria infection. Medizinische. #27-28: 977-992, 1956.
- Prevot, A. R.  
A propos de la denomination du microbe des monocytosis. Ann. inst. Pasteur. 70: 118, 1944.
- Schaaf, A. van der.  
Listeriosis in man and animals. Ned. Tijdschr. Geneesk. 2855-2858, 1955.
- \* Seeliger, Heinz.  
Listeriose. Leipzig, Johann Ambrosius Barth, #8: 1-152, 1955.  
Excerpta Med. (IV) #842 (1956).
- \* Seeliger, H.  
Types of Erysipelothrix (Listeria) monocytogenes. Zeit. Hyg. Infektionskrankh. 139: 389-392, 1954.  
Vet. Bull. #2284 (1955).
- Seeliger, H.; Jung, F.; Linzenmeier, G.; and Odenthal, H.  
Human listerollosis: relation to infectious mononucleosis. Deut. med. Wochschr. 77: 583-587, 1952.  
Excerpta Med. (VI) #847 (1953).
- \* Seeliger, H.; und Linzenmeier, G.  
Die Listeriose und ihre Erreger (List. monocytogenes). Zeit. Hyg. Infektionskrankh. 136(4): 335-378, 1953.  
Vet. Bull. #286 (1955).
- \* Topley, William W. C.; and Wilson, G. S.  
Principles of bacteriology and immunity. 4th ed. Baltimore, Williams & Wilkins, 1955.
- Trueb, C. L. P.; und Sauer, W.  
Das Krankheitsbild der Listeriose. Aerztl. Wochschr. 10: 193-196, 1955.  
Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 160: 72, 1955.
- \* Udall, D. H.  
The practice of veterinary medicine. 5th ed. (privately printed) Ithaca, N. Y., 1947.
- \* Wising, Per J.  
A study of infectious mononucleosis (Pfeiffer's disease) from the etiological point of view. Acta Med. Scand. Suppl. #133, 1942.
- van Driest, G. W.  
Listerella monocytogenes. Maagschr. kindergeneesk. 16: 101-109, 1948.  
Biol. Abstr. #7837 (1949).
- Weller, T. H.; and Janeway, C.  
Listeria and Erysipelothrix. Bacterial and mycotic infections of man. 2nd ed. Philadelphia, J. B. Lippincott Co., 1952.

## II. DETECTION AND IDENTIFICATION

- \* Gray, M. L.; Lassiter, C. A.; Webster, H. D.; Huffman, G. F.; and Thorp, F., Jr.  
Isolation of Listeria monocytogenes from the liver of calves and a discussion of intra-uterine infection. *Vet. Med.* 51: 316-318; 335-336, 1956.  
*Vet. Bull.* #3369 (1956).
- \* Gray, M. L.; and McWade, D. H.  
The isolation of Listeria monocytogenes from the bovine cervix. *J. Bact.* 68(5): 634-635, 1954.  
*Biol. Abstr.* #11959 (1955).
- \* Hurt, R. H.; Levine, N. D.; and Graham, R.  
Isolation of Listeria, Listerella, from the chicken. *Amer. J. Vet. Research.* 2: 279-280, 1941.  
*Vet. Bull.* 12: 201, 1942.
- \* Jaeger, Robert F.; and Myers, Donald M.  
Listeria monocytogenes - a study of two strains isolated from human listeriosis. *Can. J. Microbiol.* 1: 12-21, 1954.  
*Vet. Bull.* #2285 (1955).
- \* Julianelle, L. A.  
Identification of Erysipelothrix and its relation to Listerella. *J. Bact.* 42: 385-394, 1941.  
*Vet. Bull.* 12: 571, 1942.
- \* Kroger, E.  
Sucrose indicator plate for identification of Listeria monocytogenes. *Zentr. Bakteriol. Parasitenk. Abt. I. Orig.* 163: 574, 1955.  
*Zentr. Bakteriol. Parasitenk. Abt. I. Ref.* 160: 71, 1956.
- \* Pons, C. A.; and Julianelle, L. A.  
Isolation of Listeria monocytogenes from infectious mononucleosis. *Proc. Soc. Exptl. Biol. Med.* 40: 360, 1939.
- Potel, J.  
Six years of research and diagnosis study on listeriosis with a special reference to listeriosis in the newborn. *Arch. Hyg. u. Bakteriol.* 139(4): 245-264, 1955.  
*Excerpta Med. (IV)* #1318 (1956).

## III. CULTURE MEDIA

- Dorssen, C. A. van; and Jansen, J.  
The importance of listeriosis in veterinary practice. *Tijdschr. Diergeneesk.* 76: 756-761, 1951.  
*Biol. Abstr.* #15883 (1952).
- \* Gray, M. L.; Stafseth, H. J.; and Thorp, F., Jr.  
Use of potassium tellurite, sodium azide and acetic acid in selective medium for isolation of Listeria monocytogenes. *J. Bact.* 59: 443-444, 1950.  
*Excerpta Med. (IV)* #4692 (1950).  
*Bull. Hyg.* 25: 962, 1950.
- \* Harvey, P. O.; and Faber, J. E.  
Studies on the Listerella group. I. Biochemical and hemolytic reactions. *J. Bact.* 42: 677-687, 1941.  
*Biol. Abstr.* #4675 (1942).
- \* Julianelle, L. A.; and Pons, C. A.  
Identification of Listerella monocytogenes. *Proc. Soc. Exptl. Biol. Med.* 40: 362-363, 1939.

### III. CULTURE MEDIA

- \* Potel, J.  
Further studies on causative agent of granulomatosis infantisepica (*Listerella infantiseptica*).  
Zentr. Bakteriol. Parasitenk. Abt. I. Orig. 159: 86-87, 1952.  
Excerpta Med. (IV) #4447 (1953).
- \* Schier, R.  
Behaviour of *Erysipelothrix rhusiopathiae* and *Listeria* in culture medium containing esculin.  
Ann. inst. Pasteur. 74: 57-59, 1948.
- Shimizu, K.; Otsuka, G.; und Oka, M.  
Guanofuracin media for isolation of *L. monocytogenes* and its practical application. Japan. J. Vet. Research. 2: 1-10, 1954.  
Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 158: 307, 1956.
- \* Simon, C.  
Possibilities of enrichment of *Listeria monocytogenes* in liquid preliminary culture. Zeit. Hyg. Infektionskrankh. 143(2): 159-172, 1956.
- \* Schier, R.  
Comportement different des *Erysipelothrix* et des *Listeria* sur milieu de culture à l'esculine. Ann. inst. Pasteur. 74: 57-59, 1948.
- \* Schier, R.; Renazet, F.; et Piechaud, M.  
Sur un Germe du Genre *Listeria* apparemment non Pathogene. Ann. inst. Pasteur. 74: 54-57, 1948.  
Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 148: 236, 1951.

### IV. MORPHOLOGY

- Cury, A.; Goes, P. de; Huttner, S. H.; and Starr, T. J.  
Simplified media for *Listeria* and *Erysipelothrix*. Anais microbiol. (Rio de Janeiro). 2: 1, 1952-53.  
Biol. Abstr. #28968 (1954).
- \* Cury, A.; Portellada, P. C. L.; and Huttner, S. H.  
Studies on vitamin nutrition of *Listeria monocytogenes*. Anais Microbiol. 3: 11-13, 1954.
- Fink, U.  
Morphological findings in congenital *Listeria* infections and study on the ways of infection. Zentr. allgem. Pathol. u pathol. Anat. 95(5-6): 246-263, 1956.
- Franco, F.  
Aetiological research on infectious mononucleosis and other infections accompanied by monocytes. Giorn. sci. med. 7(7): 123-140, 1952.  
Excerpta Med. (VI) #2904 (1954).
- \* Gall, Edward A.; and Stout, Hugh A.  
The histological lesion in lymph nodes in infectious mononucleosis. Amer. J. Pathol. 16: 433-447, 1940.
- \* Griffin, A. M.; and Robbins, Mary Louise.  
The flagellation of *Listeria monocytogenes*. J. Bact. 48(1): 114-115, 1944.  
Biol. Abstr. #2989 (1945).  
Bull. Hyg. 20: 160, 1944.

#### IV. MORPHOLOGY

- \* Hutner, S. H.  
Some growth requirements of Erysipelothrix and Listerella.  
*J. Bact.* 43(5): 629-640, 1942.  
*Biol. Abstr.* #2268 (1943).
- \* Hutner, S. H.  
An unidentified growth factor for Listeria in commercial "vitamin-free" casein. *J. Bact.* 47(5): 433, 1944.  
*Biol. Abstr.* #13728 (1944).
- McNutt, S. H.  
Diseases causing encephalitis in cattle. *Cornell Vet.* 32(2): 127-134, 1942.  
*Biol. Abstr.* #20820 (1942).
- \* Porter, J. R.; and Pelczar, M. J., Jr.  
Some growth factor requirements of several strains of Listerella monocytogenes. *J. Bact.* 42: 141, 1941.
- \* Potel, Juergen.  
Die Morphologie, Kultur und Tierpathogenität des Corynebacterium infantisepticum. *Zentr. Bakteriol. Parasitenk.* Abt. I. Orig. 156: 490-493, 1951.
- \* Seastone, G. V.  
Pathogenic organisms of the genus Listerella. *J. Exptl. Med.* 62: 203-212, 1935.
- Smith, H. C.  
Isolation of Listeria monocytogenes from chinchillas. *Vet. Med.* 48: 294-295, 1953.
- \* Schier, R.; Renazet, F.; et Piechaud, M.  
Sur un Germe du Genre Listeria apparemment non Pathogène. *Ann. Inst. Pasteur.* 74: 54-57, 1948.  
*Zentr. Bakteriol. Parasitenk.* Abt. I. Ref. 148: 236, 1951.
- Zeller, M.  
Die morphologischen und kulturell nachweisbaren biologischen Eigenschaften der Listeria monocytogenes (Murray-Pirie). Inaug. Dissertation Gießen, 1949.

#### V. CLINICAL PICTURE: CASE HISTORIES

- \* Berry, James F.  
Listerella monocytogenes meningitis. Report of a case. *U. S. Armed Forces Med. J.* 1: 894-897, 1950.
- Beute, A. E.; Meyler, L.; and Sirks, J. L.  
Listeriosis in man in the Netherlands. *Ned. Tijdschr. Geneesk.* 92: 2229-2236, 1948.  
*Biol. Abstr.* #11344 (1949).
- \* Biester, H. E.; and Schwarte, L. H.  
Bovine listerellosis in Iowa with studies on a recovered case. *North Amer. Veterinarian.* 22(12): 729-734, 1941.  
*Biol. Abstr.* #7639 (1942).

## V. CLINICAL PICTURE: CASE HISTORIES

- \* Binder, Morton A.; Diehl, Carolyn; Weiss, Jules M.; and Ray, Harold.  
Listeria meningitis. Ann. Internal Med. 38: 1315-1319, 1953.  
 Excerpta Med. (VI) #857 (1954).
- Boekelman, M. T.; and Beute, A. E.  
A case of Listeria monocytogenes infection in a newborn infant. Maandschr. kindergeneesk. 24(2): 60-64, 1956.
- Bret, A. J.; Coups, G.; Solle, R.; and Thibault, P.  
Meningite a Listeria monocytogenes du nouveau-né un cas de guérison. Arch. franc. pediat. 14(3): 298-301, 1957.
- \* Burn, Caspar G.  
 Clinical and pathological features of an infection caused by a new pathogen of the genus Listerella. Amer. J. Pathol. 12: 341-348, 1936.
- Carroll, G. J.; Bray, M. M.; and Hare, R.  
Listeria-monocytogenes meningitis; case report. Virginia Med. Monthly. 83: 343-344, 1956.
- Cotonni, L.  
A case of Listeria meningitis in man, with observations on resemblance of Listeria to Erysipelothrix. Ann. inst. Pasteur. 68: 92-95, 1942.  
 Vet. Bull. #221 (1946).
- \* Dedrick, Jean W.  
Listeria meningitis, a report of eight cases. Amer. J. Med. Sci. 233(6): 617-621, 1957.
- Dittmar, W.; and Wagner, W.  
Listerial meningitis in adults. Nervenarzt. 27(5): 223-225, 1956.  
 Excerpta Med. (VI) #1450 (1957).
- Enjalbert, L.; and Raynal, M.  
Listeria monocytogenes meningitis; two observations. Toulouse med. 57(1): 57-65, 1956.  
 Excerpta Med. (IV) #1068 (1957).
- Fischer, J. T.  
Meningoencephalitis due to L. monocytogenes. Arch. uruguay med. cirug. y espec. (Montevideo). 18(3): 156-170, 1941.  
 Biol. Abstr. #1973 (1943).
- Franco, F.  
 Aetiological research on infectious mononucleosis and other infections accompanied by monocytosis. Giorn. sci. med. 7(7): 123-140, 1952.  
 Excerpta Med. (VI) #2904 (1954).
- Gant, J.; and McKenzie, D.  
Meningitis due to Listeria monocytogenes; case report. S. African Med. J. 30(19): 455-457, 1956.
- Handelman, N. I.; Rotondo, C. C.; Scott, E. P.; and Knighton, H. T.  
Listerella meningitis. Report of a case with recovery. J. Pediat. 28: 210-214, 1946.  
 Biol. Abstr. #15722 (1946).
- Harvier, P.; Lavergne, G. H.; and Claisse, R.  
 Diagnosis and treatment of infection with Listerella monocytogenes in man. Ann. biol. clin. (Paris). 4(5): 369-375, 1947.  
 Excerpta Med. (VI) #2080 (1948).
- Harvier, P.; Lavergne, H.; and Claisse, R.  
Infectious humaines a Listerella monocytogenes. Bull. acad. med. (Paris). 126: 402-404, 1942.

## V. CLINICAL PICTURE: CASE HISTORIES

- \* Hoeprich, P. D.; and Chernoff, H. M.  
Subacute bacterial endocarditis due to Listeria monocytogenes. Amer. J. Med. 19(2): 488-494, 1955.  
Excerpta Med. (VI) #3371 (1956).
- Holle, G.  
Die Listeriose des Menschen. Muench. med. Wochschr. 98: 1385-1390, 1956.  
Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 163: 521, 1957.
- \* Hood, Marion.  
Listeriosis. Report of 10 cases. Amer. J. Clin. Pathol. 28(1): 18-26, 1957.
- Kahrs, T.; and Weisert, O.  
Meningoencephalitis caused by Listeria monocytogenes. Tidsskr. Norske Laegeforen. 77(6): 252-254, 1957.
- Kapsenberg, G.  
Listerella als oorzaak van meningoitis. Ned. Tijdschr. Geneesk. 85: 2230, 1941.
- Kiehl, W.  
Listeria monocytogenes infection and meningoitis during childhood. Kinderarztl. Praxis. 22: 292-296, 1954.
- Lang, K.  
Zur Listeriose beim Kleinkind. Monatsschr. Kinderheilk. 103(1): 17-21, 1955.
- Line, F. G.; and Appleton, F. G.  
Listeria meningitis in premature infant. J. Pediat. 41: 97-99, 1952.
- \* Line, F. G.; and Cherry, W. B.  
Meningitis due to Listeria monocytogenes; 2 cases. J. Amer. Med. Assoc. 148: 366-369, 1952.  
Bull. Hyg. 28: 10, 1953.
- Listeriose des Menschen. Deut. med. Wochschr. 77(18): 594-595, 1952.
- Martin, R.; Sureau, B.; Millet, A.; and Quelin-Rimetz, Mme.  
Human meningitis: failure of sulfonamide-penicillin therapy; case. Bull. mem. soc. med. hop. Paris. 63: 468-471, 1947.
- Paloczy, J.  
The pathogen and clinical picture of listeriosis. Orvosi Hetilap. 97: 689-692, 1956.
- Patocka, F.; Hloucal, L.; und Mencikova, E.  
Beitrage zur menschlichen Listeriose. Schweiz. med. Wochschr. 86(28): 808-811, 1956.  
Bull. Hyg. 31: 1100, 1956.
- \* Odegaard, Bergljot; Grelland, Ronaug; and Hendriksen, Sverre Dick.  
Case of listeria - infection in man, transmitted from sheep. Acta Med. Scand. 142: 231-238, 1952.  
Vet. Bull. #3047 (1952).
- Portero, A.; and Despirito, A.  
Listerella meningitis. Clin. Proc. Child. Hosp., Washington. 10(3): 56-59, 1954.
- \* Reed, R. W.; Gavin, W. F.; Crosby, J.; and Dobson, P.  
Listeriosis in man. Can. Med. Assoc. J. 73(5): 400-402, 1955.
- \* Reiss, H. J.; Potel, J.; and Krebs, A.  
Granulomatosis infantiseptica. Eine Durch Einen Specifischen Erreger Hervorgerufene Fatale Sepsis. Klin. Wochschr. 29(1/2): 29, 1951.

## V. CLINICAL PICTURE: CASE HISTORIES

- \* Savino, E.  
Bacteria monocytogenes isolated in case of human meningoencephalitis. Rev. inst. Bact. Buenos Aires. 9: 587-592, 1940.  
Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 140: 472, 1941.
- Savino, E.  
Listerella monocytogenes aislada de una meningoencefalitis humana. Semana med. (Buenos Aires). 1: 227-229, 1940.
- Schmidt, V.; and Nyfeldt, A.  
Mononucleosis infectiosa and meningoencephalitis. Ugeskrift Laeger. 100: 336-339, 1938.  
Bull. Hyg. 13: 528, 1938.
- \* Schulze, Mary Louise; Wahle, George H., Jr.; and White, James B.  
Meningitis due to Listeria monocytogenes in a case of disseminated lupus erythematosus. Amer. J. Clin. Pathol. 23(10): 1028-1030, 1953.  
Excerpta Med. (V) #2020 (1954).
- Sedallian, P.; Bertoye, A.; and Carraz, M.  
Acute pneumonopathies due to Listerella injection. Bull. mem. soc. med. hop. Paris. 65: 333-336, 1949.  
Excerpta Med. (VI) #6208 (1949).
- Sedallian, P.; Bertoye, A.; and Carraz, M.  
Human Listerella infections. J. med. Lyon. 30: 589-593, 1949.  
Excerpta Med. (VI) #4965 (1950).
- Sedallian, P.; Moinecourt, J.; and Maral, R.  
Bacteria listerella - cases. Bull. mem. soc. med. hop. Paris. 64: 346-350, 1948.
- Seeliger, H.; Jung, F.; Linzenmeier, G.; and Odenthal, H.  
Die Listeriose beim Menschen. Deut. med. Wochschr. 77(18): 583-587, 1952.
- Stoff, J.  
Meningitis caused by Listerella monocytogenes in new born; case. Maandschr. kindergeneesk. 16: 109-110, 1948.
- Smeall, J. T.  
Glandular fever (infectious mononucleosis). Edinburgh Med. J. 49: 291-312, 1942.
- Spiel, L.; und Wanko, Th.  
Zerebrale Listeriose im Kindesalter. Wien. med. Wochschr. 104(48): 952-954, 1954.  
Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 158: 306, 1956.
- \* Stanley, N. F.  
Listeria meningitis: description of strain of Listeria monocytogenes and report of case. Med. J. Australia. 2: 205-208, 1948.  
Bull. Hyg. 24: 33, 1949.
- Starck, G.  
Clinical aspects of infection with Listeria infantisentica. Zentr. Gynaekol. 75: 1178-1182, 1953.  
Excerpta Med. (IV) #6752 (1954).
- Stoot, D. W.  
Report of a case of listeriosis in a human. Can. J. Med. Technol. 16(4): 142-146, 1954.
- \* Urbach, H.; und Schabinski, G.  
Zur Listeriose des Menschen. Zeit. Hyg. Infektionskrankh. 141(3): 239-248, 1955.  
Excerpta Med. (IV) #841 (1956).

## V. CLINICAL PICTURE: CASE HISTORIES

- \* Vallee, A.  
Un cas de listericose du lièvre en France. Ann. inst. Pasteur. 83(6): 832-833, 1952.
- \* Webb, Robert A.  
Listeria monocytogenes isolated from a case of infectious mononucleosis. Lancet. 245: 5-10, 1943.  
Biol. Abstr. #24324 (1943).  
Bull. Hyg. 18: 964, 1943.
- \* Williams, Ruth; and Hornung, Jeanne M.  
Listeria monocytogenes in human infections; bacteriologic study of two cases. Amer. J. Clin. Pathol. 24: 962-964, 1954.  
Bull. Hyg. 29: 1264, 1954.
- \* Wilson, G. S.; and Miles, A. A.  
Erysipelochorix and Listerella. In: Topley & Wilson. Principles of bacteriology and immunology. 3rd ed. London, 1948.
- \* Winkler, C. H.; James, M. F.; and Carter, R. D.  
Listeria meningitis; case. Southern Med. J. 45: 1181-1183, 1952.  
Excerpta Med. (VI) #5442 (1953).

## VI. HUMAN PATHOGENICITY

- Bang, J.  
Experiments with the transmission of infectious mononucleosis to man. Acta Med. Scand. 113: 304-310, 1943.  
Kentr. Bakteriol. Parasitenk. I. Ref. 145: 192, 1944.
- \* Burn, Caspar G.  
Clinical and pathological features of an infection caused by a new pathogen of the genus Listerella. Amer. J. Pathol. 12: 341-348, 1936.
- \* Evans, Alfred S.  
Experimental attempts to transmit infectious mononucleosis to man. Yale J. Biol. Med. 20: 19-26, 1947.
- \* Julianelle, L. A.; Bierbaum, O. S.; and Moore, C. V.  
Studies on infectious mononucleosis. Ann. Internal Med. 20: 281-292, 1944.
- \* Sohier, R.; Lepine, P.; et Sautter, V.  
Recherches sur la transmission experimentale de la mononucléose infectieuse au singe et à l'homme. Ann. inst. Pasteur. 65: 50-62, 1940.
- Wising, P. J.  
Successful transmission of infectious mononucleosis to man by transfusion of heparinized blood. Acta Med. Scand. 109: 507, 1942.

## VII. HUMAN PATHOLOGY

- Alex, R.; and Potel, J.  
 Listeriosis during pregnancy as cause of premature births.  
*Geburtsh. u Frauenhkd.* 13: 651-659, 1953.
- Benazet, F.; Bonjean, M.; Colobert, L.; and Sohier, R.  
 Suppurative encephalitis caused by Listeria with clear and asceptic cerebrospinal fluid. *Bull. soc. med. hop. Paris.* 73(1-2): 11-16, 1957.
- Breunung, M.; and Fritzsche, F.  
 The frequency of Listeria infections in newborn; studies at the gynecological clinic of Leipzig University. *Geburtsh. & Frauenhkd.* 14(12): 1113-1124, 1954.
- \* Burn, Caspar G.  
 Clinical and pathological features of an infection caused by a new pathogen of the genus Listerella. *Amer. J. Pathol.* 12: 341-348, 1936.
- De Gavaller, B.  
 Listeriosis in the newborn. *Gac. med. Caracas.* 63: 387-388, 1955.
- \* Dedrick, Jean W.  
Listeria meningitis, a report of eight cases. *Amer. J. Med. Sci.* 233(6): 617-621, 1957.
- Detmold, J. G.; and Girsensohn, H.  
 Listeria infection in newborn as results of diaplacental infection with Listeria infantiseptica. *Geburtsh. u Frauenheilk.* 14(12): 1125-1131, 1954.
- Erdmann, G.  
 Die Klinik der praenatalen Infektion durch Listeria monocytogenes (Pirie). *Aerztl. Wochschr.* 12(2): 32-33, 1957.
- Erdmann, G.  
Listeria infection and perinatal mortality. *Kinderaeratl. Praxis.* 104-107, 1953.
- Erdmann, G.  
 Listeropse und Frushgeburt. *Deut. med. Wochschr.* 78: 813-815, 1953.  
*Excerpta Med.* (IV) #6751 (1954).
- \* Felsenfeld, Oscar.  
Listerella monocytogenes strain isolated from a human source in Puerto Rico. *Puerto Rico J. Public Health Trop. Med.* 24(1): 1-8, 1948.  
*Biol. Abstr.* #26933 (1949).
- \* Gall, Edward A.; and Stout, Hugh A.  
 The histological lesion in lymph nodes in infectious mononucleosis. *Amer. J. Pathol.* 16: 433-447, 1940.
- Gierhake, F. W.; und Konig, H.  
 Granulomatosis infantisepticum der Neugeborenen; Listeria monocytogenes Pirie? *Zentr. allgem. Pathol. u pathol. Anat.* 93: 507-510, 1955.
- Hagemann, U.; and Simon, H.  
 Fetal death or premature infant caused by diaplacental infection. *Geburtsh. u Frauenheilk.* 13: 1089-1095, 1953.
- Hagemann, U.; Simon, H.; and Bienengraeber, A.  
 Listerellosis of premature infants; histogenesis and pathology. *Zentr. allgem. Pathol. u pathol. Anat.* 90: 17-23, 1953.
- Hein, Helmut.  
 A fatal case of human Listeria monocytogenes meningitis. *Med. Klin. (Munich).* 47(24): 810-811, 1952.  
*Excerpta Med.* (VI) #846 (1953).

## VII. HUMAN PATHOLOGY

- Hoffmann, H.; and Boese, W.  
 Zur Frage einer Vergesellschaftung  
 von Tuberkulose und Listeriose.  
 Aertzl. Wochschr. 10: 417-421, 1955.
- \* Johnson, W. H.; Morton, S. A.;  
 Wong, M. H.; and Roy, T. E.  
 Septocæmia of the newborn due  
 to Listeria monocytogenes. Can.  
 Med. Assoc. J. 73(5): 402-405,  
 1955.
- \* Julianelle, L. A.; and Moore,  
 Elizabeth.  
 Pathological changes in Listerella  
 infection, particularly of the eye.  
 Amer. J. Pathol. 18(5): 813-822,  
 1942.  
 Biol. Abstr. #8876 (1943).
- Kroeger, E.; and Rahmel, R.  
 Tuberkuloser Mischinfekt mit  
Listeria monocytogenes. Med.  
 Klin. (Berlin). 52(1): 420-421,  
 1957.
- Lang, K.  
Listeria-Infektion als mögliche  
 Ursache fruh er worbener Cerebral-  
 schaden. Zeit. Kinderheilk.  
 76(4): 328-339, 1955.
- Norman, F. W.  
Listeria monocytogenes meningitis  
 in an infant. Calif. Med. 82(2):  
 124-125, 1955.
- Raiss, H. J.  
 Pathologic anatomy of Listeria  
 infection in children. Kinder-  
 aerztl. Praxis. 92-100, 1952.
- Schmid, K. O.  
Listeriameningitis während der  
 Stillperiode. Wien med. Wochschr.  
 106(31): 665-667, 1956.  
 Excerpta Med. (VI) #1449 (1957).
- Schmitz, U.  
 Military organ necroses of new-  
 born and nurslings (military  
 necroses of liver) as sequel of  
 analogous inflammation of digestive  
 tract due to rodshaped argentophil  
 bacteria (Listeria?). Virchow's  
 Arch. pathol. Anat. u Physiol.  
 324: 438-476, 1953.
- \* Schulze, Mary Louise; Wahle,  
 George H., Jr.; and White, James B.  
 Meningitis due to Listeria mono-  
cytogenes in a case of disseminated  
 lupus erythematosus. Amer. J.  
 Clin. Pathol. 23(10): 1028-1030,  
 1953.  
 Excerpta Med. (V) #2020 (1954).
- Sedallian, P.; Moinecourt, J.; and  
 Maral, R.  
 Infections with Listeria. Bull.  
 mem. soc. med. hop. Paris.  
 64(9-11): 346-350, 1948.  
 Excerpta Med. (VI) #811 (1949).
- Seeliger, H.; and Leineweber, R.  
 Meningitis caused by Listeria  
 monocycogenes during pregnancy.  
 Muench. med. Wochschr. 94:  
 2317-2322, 1952.  
 Excerpta Med. (IV) #1858 (1953).
- \* Shafar, J.; and Weir, J. G. R.  
 Meningal reaction in a case  
 of glandular fever. Lancet. 2:  
 218-219, 1943.
- Simon, H.  
 Encephalitis due to Listeria  
monocytogenes. Zentr. allgem.  
 Pathol. u pathol. Anat. 90:  
 353-359, 1953.  
 Excerpta Med. (V) #1419 (1954).

## VII. HUMAN PATHOLOGY

van Beek, Ga.; en Haex, A. J. Gh.  
Leverpunctie-biopsie bij Mono-  
nucleosis infectiosa en bij de  
ziekte van Besnier-Boeck-Schaumann.  
Ned. Tijdschr. Geneesk. 87:  
1264-1266, 1943.  
Zentr. Bakteriol. Parasitenk,  
Abt. I. Ref. 145: 192, 1944.

\* Webb, Robert A.; and Barber, Mary.  
Listerella in human meningitis.  
J. Pathol. Bact. 45: 523-539,  
1937.

## VIII. VARIATIONS

\* Burne, Caspar G.  
Characteristics of a new species  
of the genus Listerella obtained  
from human sources. J. Bact. 30:  
573-591, 1935.

\* Gray, M. L.; Stafseth, H. J.; and  
Thorp, Frank, Jr.  
Colonial variation of Listeria  
monocytogenes. Bact. Proc. 32-33.  
1953.

Hunter, Matthew C.  
Variations produced in bacteria  
by beta particles from radio-  
phosphorus. Ohio State Univ.,  
1949. Ohio State Univ. Doctoral  
Dissertation Abstr. 60: 167-172,  
1948-49.  
Biol. Abstr. #5355 (1952).

Hunter, M. C.; Stahly, G. L.; and  
Myers, W. G.  
Variations of Listeria mono-  
cytogenes produced by beta  
particles from radiophosphorus.  
Ohio J. Sci. 50(6): 253-259, 1950.  
Excerpta Med. (IV) #3033 (1951).

\* Leifson, E.; and Palen, M. I.  
Variations and spontaneous  
mutations in the genus Listeria  
in respect to flagellation and  
motility. J. Bact. 70(2):  
233-240, 1955.

## IX. SEROLOGICAL AND ANTIGENIC STRUCTURE

Boekels, H.  
Ein Beitrag zur Agglutinations-  
technik mit L. monocytogenes unter  
besonderer Berücksichtigung der  
dabei optimalen Kochsalzdichte.  
Inaug. Diss. Giezen, 1950.

\* Burnet, F. M.; and Anderson,  
S. C.  
Modification of human red  
cells by virus action. II.  
Agglutination of modified  
human red cells by sera from  
cases of infectious mononucleosis.  
Brit. J. Exptl. Pathol. 27:  
236-244, 1946.

## IX. SEROLOGICAL AND ANTIGENIC STRUCTURE

- \* Davis, Bernard D.  
Biological false positive serologic tests for syphilis. Medicine. 23: 359-414, 1944.
- Donker-Voet, J.  
Serological examination of some strains of Mysipelothrix (Listeria) monocytogenes isolated in the Netherlands. Tijdschr. Diergeneesk. 79: 743-765, 1954.  
Vet. Bull. #896 (1955).
- Ehrenhard, Dietrich.  
Serologische Untersuchungen bei Haust- und Nutztieren, insbesondere Rindern auf Agglutination mit Listeria infantisepica. Inaug. Diss. Halle/S., 1954.  
Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 161: 65, 1956.
- \* Evans, Alfred S.  
Liver involvement in infectious mononucleosis. J. Clin. Invest. 27: 106-110, 1948.
- \* Evans, Alfred S.  
Serological studies on infectious mononucleosis and viral hepatitis with human erythrocytes modified by different strains of Newcastle disease virus. J. Immunol. 64: 411-420, 1950.
- \* Evans, Alfred S.; and Gurnen, E. C.  
Serological studies on infectious mononucleosis and other conditions with human erythrocytes modified by Newcastle disease virus. J. Immunol. 58: 323-335, 1948.
- \* Florman, Alfred L.  
Agglutination of human erythrocytes modified by treatment with Newcastle disease and influenza virus. J. Bact. 57: 31-38, 1949.
- Girard, Kenneth F.  
Observations on the influence of a sustained monocytosis upon the antibody response in rabbits to various antigens. Thesis, McGill Univ., 1950.  
Doctoral Dissertations #19: 91, 1951-52.
- Gutzeit, K.  
Ueber die Listeriose. Med. Klin. (Berlin). 51(14): 565-567, 1956.  
Excerpta Med. (VI) #7119 (1956).
- \* Janeway, Charles A.; and Dammin, Gustave J.  
Studies on infectious mononucleosis. II. Relationship of organisms of genus Listerella to disease, as studied by agglutination reaction. J. Clin. Investigation. 20: 233-239, 1941.  
Biol. Abstr. #10872 (1941).
- \* Julianelle, Louis A.  
Biological and immunological considerations of Listerella monocytogenes. J. Bact. 39: 58, 1940.
- \* Julianelle, L. A.; and Pons, C. A.  
Immunological and serological reactions of Listerella monocytogenes. Proc. Soc. Exptl. Biol. Med. 41: 364-365, 1939.
- \* Kaufman, Robert E.  
Heterophile antibody reaction in infectious mononucleosis. Ann. Internal Med. 21: 230-251, 1944.
- \* Kilham, Lawrence.  
Evaluation of the agglutination of erythrocytes sensitized by Newcastle disease virus (NDV) as a serologic test in infectious mononucleosis. J. Immunol. 65: 245-253, 1950.

## IX. SEROLOGICAL AND ANTIGENIC STRUCTURE

- \* Kilham, Lawrence; and Steigman, Alex J.  
Infectious mononucleosis.  
*Lancet.* 2: 452-454, 1942.
- \* Kolmer, J. A.  
Listerella monocytogenes in relation to Wassermann and flocculation-reactions in normal rabbits. *Proc. Soc. Exptl. Biol. Med.* 42: 183-186, 1939.
- \* Korn, R. J.; Yakulis, V. J.; Lemke, C. E.; and Chomet, B.  
Cold agglutinins in Listeria monocytogenes infections. *Arch. Internal Med.* 99(4): 573-606, 1957.
- Linsert, H.  
Beitrag zur serologischen Diagnose der Listeriose. Berlin Muench. tierarztl. Wochschr. 69: 223, 1956.  
Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 163: 522, 1957.
- \* Mackenzie, G. M.  
The streptococci. In: Diagnostic procedures and reagents. 3rd ed. Amer. Public Health Assoc., Inc., N. Y., 1950.
- Mannweiler, E.; and Lippelt, H.  
Studies on the serodiagnosis of listeriosis. *Schweiz. Zeit. allgem. Pathol.* 19(6): 758-777, 1956.
- \* Osebold, J. W.; and Sawyer, M. T.  
Agglutinating antibiotics for Listeria monocytogenes in human serum. *J. Bact.* 70(3): 350-351, 1955.
- \* Osebold, John W.; Shultz, Gordon; and Jameson, E. W.  
An epizootiological study of listeriosis. *J. Amer. Vet. Med. Assoc.* 130(11): 471-474, 1957.
- Ozgen, H.  
Serology of Listeria monocytogenes. *Zeit. Tropenmed. u Parasitol.* 4: 40-45, 1952.  
*Excerpta Med.* (IV) #653 (1953).
- \* Paterson, J. Stuart.  
Antigenic structure of organisms of the genus Listerella. *J. Pathol. Bact.* 51: 427-436, 1940.  
*Vet. Bull.* #745 (1941).
- \* Paterson, J. Stuart.  
Flagellar antigens of organisms of the genus Listerella. *J. Pathol. Bath.* 48: 25-32, 1939.
- Patocka, F.; Hlavual, L.; and Mencikova, E.  
Human listeriosis. *Schweiz. med. Wochschr.* 86: 808-811, 1956.  
*Intern. Abstr. Biol. Sci.* 5: #2722 (1957).
- Prigge, R.  
The evaluation of swine erysipelas serum. *Schweiz. Zeit. Pathol. Bakteriol.* 13: 20-41, 1950.  
*Vet. Bull.* #3274 (1953).
- \* Robbins, Mary Louise; and Griffin, A. M.  
Studies on Listerella monocytogenes. I. The effect of various killing agents on the flagellar antigens. *J. Immunol.* 48: 63-68, 1944.  
*Biol. Abstr.* #11170 (1944).  
*Vet. Bull.* #2128 (1945).
- Sadusk, J. F., Jr.  
Skin eruption and false-positive Wassermann in infectious mononucleosis (Glandular fever). *Intern. Clin.* 1: 239-255, 1941.

## IX. SEROLOGICAL AND ANTIGENIC STRUCTURE

- Sandbu, H.  
Listeria monocytogenes als Abortusursache bei der Siege. Nord. Vet. Med. 8: 585-594, 1956. Biol. Abstr. #5434 (1957). Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 162: 225, 1957.
- \* Savino, Enrique; y Villazon, Nestor Morales.  
 Estructura del antigeno ciliar de Listeria monocytogenes. Rev. Inst. Bact. Malbran. 10: 127-134, 1941. Vet. Bull. 12: 571, 1942. Also: Sem. med. Buenos Aires. 48(Pt. 1): 732-736, 1941.
- Schlegel-Oprecht, E.  
 Über einen Fall von Listeriose beim Schwein. Schweiz. Arch. Tierheilk. 97: 542, 1956. Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 161: 65, 1956.
- Schulte, F.; und Scholz, H. D.  
 Listerienmeningitis bei Schafen, hervorgerufen durch einen in Deutschland seltenen Listerientyp. Deut. tierärztl. Wochschr. 257, 1956. Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 163: 520, 1957.
- \* Seeliger, H.  
 Serodiagnosis of Listeria infection by means of agglutination and complement fixation reaction. Zeit. Immunitätsforsch. 110: 252-264, 1953. Excerpta Med. (IV) #63 (1954).
- Seeliger, H.  
 Widal and complement fixation reaction for listerellosis; short report. Aerztl. Wochschr. 8: 438-439, 1953. Excerpta Med. (IV) #61 (1954).
- \* Seeliger, H.; et Linsenmeier, G. Serologische Untersuchungen an in Frankreich isolierten Stämmen von Listeria monocytogenes. Ann. Inst. Pasteur. 88: 127-128, 1955. Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 158: 307, 1956.
- \* Seeliger, H. P. R.; and Sulzbacher, F. Antigenic relationships between Listeria monocytogenes and Staphylococcus aureus. Can. J. Microbiol. 2: 220-231, 1956. Vet. Bull. #3118 (1956).
- Standfuss, R.  
 Listeriose (Listerellose). Muench. med. Wochschr. 96: 1133-1134, 1954. Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 156: 264, 1955.
- \* Stanley, Neville F. Augmenting action of lecithin and lipoids of Aspergillus fumigatus and Listeria monocytogenes in antibody production using Salmonella typhimurium as antigen. Australian J. Exptl. Biol. Med. Sci. 28: 109-115, 1950. Biol. Abstr. #37040 (1950).
- \* Sterling, Kenneth. The serum proteins in infectious mononucleosis electrophoretic studies. J. Clin. Invest. 28: 1057-1066, 1949.
- Wramby, G. O. Erysipelothrix (Listeria) monocytogenes and its occurrence in animals. Skand. Vet. Tidskr. 34: 277-290, 1944. Vet. Bull. #1264 (1948).
- \* Young, Lawrence E. The clinical significance of cold hemagglutinins. Amer. J. Med. Sci. 211: 23-39, 1946.

## X. EFFECT OF PHYSICAL AGENTS

- \* Griffin, A. M.; and Robbins, Mary Louise.  
The flagellation of Listeria monocytogenes. J. Bact. 48(1): 114-115, 1944.  
Biol. Abstr. #2989 (1945).  
Bull. Hyg. 20: 160, 1944.
- Nordland, O. S.  
Occurrence of listeriosis in Arctic mammals, with a note on its possible pathogenesis. Defense Research Kingston Lab. Rept. #47, 1955.
- + Robbins, Mary Louise; and Griffin, A. M.  
Studies on Listeria monocytogenes.  
II. The effect of heat and alcohol on the stable (somatic antigens).  
III. Antibody response to individual components of the antigen mosaic during immunization. J. Immunol. 50(4): 237-254, 1945.  
Biol. Abstr. #10542 (1946).
- Stenberg, H.; and Hammainen, T.  
Resistance of Erysipelothrix monocytogenes to heat and to sodium chloride. Experimental infection of mice. Nord. Vet. Med. 7: 853-868, 1955.  
Vet. Bull. #729 (1956).

## XI. EFFECT OF CHEMICAL AGENTS

- \* Anderson, Gerald A.  
Listerellosis in a cow. North Amer. Veterinarian. 33: 168, 1952.
- \* Binder, Morton A.; Diehl, Carolyn; Weiss, Jules M.; and Ray, Harold.  
Listeria meningitis. Ann. Internal Med. 38: 1315-1319, 1953.  
Excerpta Med. (VI) #857 (1954).
- \* Bodansky, Aaron.  
Notes on the determination of serum inorganic phosphate and serum phosphatase activity. J. Biol. Chem. 120: 167-175, 1937.
- Flamm, H.; Krepler, P.; and Harazim, H.  
Ein geheilter Fall von Listeria-Meningitis. Wien. klin. Wochschr. 66: 553-557, 1954.  
Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 161: 59, 1956.
- \* Foley, E. J.; Epstein, Jeanne A.; and Lee, S. W.  
Effectiveness of penicillin on Listerella. J. Bact. 47(1): 110-111, 1944.  
Biol. Abstr. #8806 (1944).
- \* Gray, M. L.  
Effects of aureomycin on Listeria monocytogenes and production of encephalitic symptoms in rabbits. Antibiotics & Chemotherapy. 2: 537-543, 1952.
- \* Gray, M. L.; Laine, S. L.; and Thorp, F., Jr.  
Effects of aureomycin on Listeria monocytogenes and the production of encephalitic symptoms in rabbits. Antibiotics & Chemotherapy. 2: 537-543, 1952.  
Vet. Bull. #1156 (1953).

## XI. EFFECT OF CHEMICAL AGENTS

- \* Gray, M. L.; and Moore, G. R.  
Aureomycin in the treatment of ovine and bovine listeriosis, with notes on survival. *North Amer. Veterinarian.* 34: 99-105, 1953.  
*Vet. Bull.* #1815 (1953).
- \* Gray, M. L.; Stafseth, H. J.; and Thorp, F., Jr.  
The effect of streptomycin on Listeria. *J. Amer. Vet. Med. Assoc.* 115: 171-173, 1949.  
*Vet. Bull.* #1211 (1950).
- \* Gray, M. L.; Thorp, Frank, Jr.; and Laine, Sylvia L.  
The effect of aureomycin on Listeria monocytogenes. *Bact. Proc.* 3: 93-94, 1950.
- \* Harvey, P. C.; and Faber, J. E.  
Studies on the Listerella group. I. Biochemical and hemolytic reactions. *J. Bact.* 42: 677-687, 1941.
- \* Kodicek, E.; and Worden, Alastair N.  
Effect of unsaturated fatty acids upon the growth of Lactobacillus helveticus and other gram-positive bacteria. *Nature.* 154: 17-18, 1944.  
*Biol. Abstr.* #4886 (1945).
- \* Martin, R.; Sureau, B; Millet, A.; and Quelin-Rimetz, Mme.  
Human meningitis: failure of sulfonamide-penicillin therapy; case. *Bull. mem. soc. med. hop. Paris.* 63: 468-471, 1947.
- \* Norman, M. C.; Longfellow, D.; and Levin, J. K.  
Effect of aureomycin and chloramphenicol on two recently isolated strains of Listeria monocytogenes. *Proc. Soc. Exptl. Biol. Med.* 76: 435-437, 1951.  
*Excerpta Med. (IV)* #98 (1952).
- \* Ortel, S.  
The action of antibiotics (Penicillin, Streptomycin, Chloramphenicol, Chlortetracycline, Oxytetracycline) on white infected with Listeria monocytogenes (Pirie). *Zeit. Immunitätsforsch.* 112(2): 122-130, 1955.  
*Bull. Hyg.* 30: 1004, 1955.
- Ozgen, H.  
Bacteriostatic action of sulphonamides and antibiotics on Erysipelothonix (Listeria) monocytogenes. *Deut. tierärztl. Wochechr.* 59: 339-341, 1952.
- \* Penicillin not active against Listerella. North Amer. *Veterinarian.* 25: 602, 1944.
- \* Porter, J. E.; and Hale, William M.  
Effect of sulfanilamide and sulfapyridine on experimental infections with Listerella and Erysipelothonix in mice. *Proc. Soc. Exptl. Biol. Med.* 42: 47-50, 1939.  
*Vet. Bull.* 10: 957, 1940.
- \* Robbins, Mary Louise; and Griffin, A. M.  
Studies on Listeria monocytogenes. III. Antibody response to individual components of the antigen mosaic during immunization. *J. Immunol.* 50: 247-254, 1950.
- \* Roine, Paavo; Raitio, Aune; and Vartiainen, Unto.  
Listeria infection in guinea pig caused by feeding with aureomycin. *Nature.* 172: 767, 1953.  
*Excerpta Med. (IV)* #1871 (1954).

## XI. EFFECT OF CHEMICAL AGENTS

- Savino, E.  
Observacion de listerelisis  
humana y accion terapeutica del  
"dagenan". Semana med. (Buenos  
Aires). 1: 336-339, 1940.
- Schlegel-Oprecht, E.  
Uber einen Fall von Listeriose  
beim Schwein. Schweiz. Arch.  
Tierheilk. 97: 542, 1956.  
Zentr. Bakteriol. Parasitenk.  
Abt. I. Ref. 161: 65, 1956.
- Schoop, Gerhard.  
Metritis infectiosa tragender  
Angorahasinnen. Deut. tierarztl.  
Wochschr. 42-43, 1946.  
Ibid: 58: 250, 1951.  
Biol. Abstr. #20468 (1950).
- \* Segre, D.; Olson, G.; Marsh, C. L.;  
and Blore, I. C.  
Attempts to influence listeriosis  
in chickens using antimetabolites.  
Amer. J. Vet. Research. 17: 299-302,  
1956.  
Vet. Bull. #2787 (1956).
- \* Stanley, Neville F.  
Augmenting action of lecithin  
and lipoids of Aspergillus fumi-  
gatus and Listeria monocytogenes  
in antibody production using  
Salmonella typhimurium as antigen.  
Australian J. Exptl. Biol. Med.  
Sci. 28: 109-115, 1950.  
Biol. Abstr. #37040 (1950).
- Stenberg, H.; and Hammainen, T.  
Resistance of Erysipelothrix  
monocytogenes to heat and to  
sodium chloride. Experimental  
infection of mice. Nord. Vet.  
Med. 7: 853-868, 1955.  
Vet. Bull. #729 (1956).
- \* Zink, A.; Mello, G. C. de; and  
Burkhart, R. L.  
Listeriosis-field and laboratory  
studies and aureomycin activity.  
Amer. J. Vet. Research. 12: 194-198,  
1951.  
Vet. Bull. #656 (1952).

## XII. CHEMOTHERAPY

- \* Anderson, Gerald A.  
Listerellosis in a cow. North  
Amer. Veterinarian. 33: 168, 1952.
- \* Bennett, Ivan L., Jr.; Russell,  
Phillip E.; and Derivaux, J. H.  
Treatment of Listeria meningitis.  
Antibiotics & Chemotherapy. 2(3):  
142-146, 1952.  
Also: Pan Amer. Woman's J. 59(3):  
5-7; 36-37, 1952.  
Excerpta Med. (VI) #5849 (1952).  
Ibid: (VI) #848 (1953).
- Flamm, H.; Krepler, P.; and  
Harazin, H.  
Therapy of meningitis; bacterio-  
logic, clinical and therapeutic  
aspects of listerellosis. Wien.  
klin. Wochschr. 66: 553-557, 1954.  
Excerpta Med. (VI) #2867 (1955).
- Haas, W.; und Wilhelm, R.  
Beitrag zur Klinik und Therapie  
der Listeriose des ZNS beim  
Menschen. Muench. med. Wochschr.  
98: 1741-1757, 1956.  
Zentr. Bakteriol. Parasitenk.  
Abt. I. Ref. 163: 521-522, 1957.

## XII. CHEMOTHERAPY

- \* Heilman, Fordyce R.; Herrell, Wallace E.; Wellman, William E.; Geraci, Joseph E.; Rose, Dorothy; and Warren, Edward.  
Some laboratory and clinical observations on a new antibiotic, erythromycin (Ilotycin). Proc. Staff Meetings Mayo Clinic. 27: 285-304, 1952.
- \* Hoeprich, P. D.; and Chernoff, H. M.  
Subacute bacterial endocarditis due to Listeria monocytogenes. Amer. J. Med. 19(2): 488-494, 1955.  
Excerpta Med. (VI) #3371 (1956).
- Hortnagl, W.; und Krepler, P.  
Zur Listeria-meningoencephalitis. Wien. klin. Wochschr. 67: 796-797, 1955.  
Zentr. Bakteriol. Parasitenk. Abt. I.  
Ref. 160: 74, 1956.
- Pohlmann, D.; und Boese, W.  
Zur Klinik der Listeriose unter besonderer Berücksichtigung der Therapie. Medizinische. #52: 1748-1755, 1954.  
Zentr. Bakteriol. Parasitenk. Abt. I.  
Ref. 160: 74, 1956.
- \* Powell, H. M.; Boniece, W. S.; Pittenger, R. C.; Stone, R. L.; and Gulbertson, C. G.  
Laboratory studies on "Ilotycin". Antibiotics & Chemotherapy. 3: 165-182, 1953.
- Savino, E.  
Sulfapyridine (sulfanilamide derivative) therapy of human meningo-encephalitis. Semana med. (Buenos Aires). 1: 336-339, 1940.
- Schlipkoter, W.  
Planned use of chemotherapeutics and antibiotics by determination of bacterial resistance. Deut. med. Wochschr. 1049-1052, 1952.
- Welch, H.  
Principles and practice of antibiotic therapy. N. Y., Interscience, 1955.

## XIII. IMMUNOLOGY, VACCINES, PROPHYLAXES

- \* Drew, Ruth M.  
Occurrence of two immunological groups within the genus Listeria. Studies based upon precipitation reactions. Proc. Soc. Exptl. Biol. Med. 61: 30-33, 1946.  
Biol. Abstr. #8521 (1946).
- \* Graham, Robert; and Levine, Norman D.  
Studies on listerellosis. V. A note on the use of large doses of formalin killed broth cultures in the experimental prophylaxis of ovine encephalitis. J. Amer. Vet. Med. Assoc. 102: 365-367, 1943.
- Graham, R.; Levine, N. D.; and Morrill, C. C.  
Studies on Listerella; unsuccessful attempts at immunization with living and dead Listerella cultures. Cornell Vet. 30: 291-298, 1940.
- Graham, R.; Morrill, C. C.; and Levine, N. D.  
Unsuccessful attempts at immunization with living and dead Listerella cultures. Cornell Vet. 30: 291-298, 1940.  
Vet. Bull. #854 (1941).

### XIII. IMMUNOLOGY, VACCINES, PROPHYLAXES

- \* Griffin, A. M.; and Robbins, Mary Louise.  
The response during immunization of individual components of the antigen mosaic of Listerella monocytogenes. J. Bact. 47(5): 461, 1944.  
Biol. Abstr. #19731 (1944).
- \* Julianelle, Louis A.  
Biological and immunological considerations of Listerella monocytogenes. J. Bact. 39: 58, 1940.
- \* Julianelle, L. A.  
Biological and immunological studies of Listerella. J. Bact. 42: 367-383, 1941.  
Vet. Bull. 12: 571, 1942.
- \* Julianelle, L. A.; and Pons, C. A.  
Immunological and serological reactions of Listerella monocytogenes. Proc. Soc. Exptl. Biol. Med. 41: 364-365, 1939.
- \* Olson, Carl, Jr.; Cook, R. H.; and Bagdonas, V.  
An attempt to immunize sheep during an outbreak of listeriosis. Amer. J. Vet. Research. 12: 306-313, 1951.  
Vet. Bull. #928 (1952).
- \* Osebold, John W.; and Sawyer, Mary F.  
Immunization studies on listeriosis in mice. J. Immunol. 78(4): 262-268, 1957.
- Osebold, J. W.; and Sawyer, M. T.  
Listeriosis - factors in immunity and pathogenesis. Proc. 92nd Ann. Meeting Amer. Vet. Med. Assoc., 1955. 189-195, 1956.  
Vet. Bull. #3371 (1956).
- \* Robbins, Mary Louise; and Griffin, A. M.  
Studies on Listeria monocytogenes. III. Antibody response to individual components of the antigen mosaic during immunization. J. Immunol. 50: 247-254, 1950.

### XIV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- \* Asahi, O.; Hosoda, T.; and Akiyama, Y.  
Studies on the mechanism of infection of the brain with Listeria monocytogenes. Amer. J. Vet. Research. 18: 147-157, 1957.
- Asahi, O.; Hosoda, T.; Akiyama, Y.; and Ebi, Y.  
Studies on listeriosis in domestic animals. I. Listeriosis in goats found in Aomori Prefecture. Exp. Rep. Govt. exp. Sta. Anim. Hyg., Japan. #27: 289-300, 1953.  
Vet. Bull. #1575 (1955).
- Balozet, L.  
Listeria monocytogenes chez le merion. Arch. inst. Pasteur Algerie. 34(3): 349-354, 1956.
- Bandaranayake, A.  
An outbreak of listeriosis in goslings. Ceylon Vet. J. 1: 40-42, 1953.  
Vet. Bull. #2221 (1954).

#### XIV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- Bang, J.  
 Forsoeg paa at overfoere mono-nucleosis infectiosa til mennesket.  
 Ugeskrift Laeger. 105: 499, 1943.
- \* Barrales, D.  
 Listeriosis in lemmings. Can. J. Public Health. 44: 180-184, 1953.  
 Vet. Bull. #688 (1954).
- \* Belding, Ralph G.; and Mayer, Mary L.  
 Listeriosis in the turkey - two case reports. J. Amer. Vet. Med. Assoc. 131(6): 296-297, 1957.
- \* Biester, H. E.; and Schwarte, L. H.  
 Studies on Listerella infection in sheep. J. Infectious Diseases. 64: 135-144, 1939.  
 Vet. Bull. #10: 162, 1940.
- Bigland, G. H.  
 A report on the isolation of Listeria (Listerella) organism from a canary and a chicken in the Province of Alberta. Can. J. Comp. Med. Vet. Sci. 14(10): 319-324, 1950.  
 Biol. Abstr. #8675 (1951).
- Blieck, L. de; und Jansen, Jac.  
 Listerellosis in animals. A. Listerellosis in pigs. Antonie van Leeuwenhoek, J. Microbiol. Serol. 9(3/4): 93-103, 1943.  
 Biol. Abstr. #20673 (1946).
- Blieck, L. de; en Jansen, Jac.  
 Listerellosis in pigs. Tidjechr. Diergeneesk. 69: 573-579, 1942.  
 Biol. Abstr. #17851 (1947).
- Blood, D. C.; and Saunders, L. Z.  
 Cerebral abscess in a calf. Cornell Vet. 40: 336-345, 1950.
- Bolin, F. M.; Turn, J.; Richards, S. H.; and Eveleth, D. F.  
 Listeriosis of a skunk. N. Dakota Agric. Exptl. Sta. Bimonthly Bull. 18: 49-50, 1955.
- \* Boucher, W. B.  
 A case of bovine listerellosis in Pennsylvania. J. Amer. Vet. Med. Assoc. 109: 213, 1946.  
 Biol. Abstr. #12216 (1947).
- \* Boyer, C. I., Jr.; Sippel, W. L.; and Carlisle, B. E.  
 Listeriosis of cattle in South Georgia. Vet. Med. 46: 482-484; 493, 1951.  
 Vet. Bull. #926 (1952).
- \* Chapman, M. P.  
 Listerellosis in a dog. North Amer. Veterinarian. 28: 532; 534; 536; 538, 1947.
- \* Cole, R. K.  
Listeria, Listerella, infection in the fowl. Poultry Sci. 20: 28-32, 1941.  
 Vet. Bull. 12: 139, 1942.
- \* Cromwell, H. W.; Sweebe, E. E.; and Camp, T. C.  
 Bacteria of the Listerella group isolated from foxes. Science. 89: 293, 1939.
- Cross, F.  
 New sheep disease diagnosed by Station. Colorado Farm Bull. 3: 9, 1941.
- Csonto, L.; Derzay, D.; and Toth, B. I.  
 Listerias in goslings. Magyar Allatorvosok Lapja. 10: 110-115, 1955.  
 Vet. Bull. #2283 (1955).

#### XIV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- Csontos, L.; Derzsy, D.; and Baranyi, L. T.  
Listeriosis in young geese.  
*Acta Vet. Hung.* 5: 261-264, 1955.
- \* De Vries, J.; und Strikwerda, E.  
Ein Fall klinischer Euter-  
Listeriose beim Rind. *Zentr. Bakteriol. Parasitenk. Abt. I. Orig.* 167: 229-232, 1956.
- Dedie, K.  
Beitrage zur Epizootologie der Listeriose. *Arch. exptl. Vet. Med.* 9: 251, 1955.  
*Zentr. Bakteriol. Parasitenk. Abt. I. Ref.* 161: 65, 1956.
- Dedie, K.  
Zur Epizootologie der Listeriose.  
*Arch. exptl. Vet. Med.* 9: 3, 1955.  
*Zentr. Bakteriol. Parasitenk. Abt. I. Ref.* 158: 307, 1956.
- Eveleth, D. F.; Bolin, F. M.; and Turn, J.  
Listeriosis of sheep and swine.  
*Bi-monthly Bull. N. Dakota Agric. Expt. Sta.* 26: 47-51, 1953.  
*Vet. Bull.* #998 (1954).
- \* Eveleth, D. F.; Goldsby, A. I.; Bolin, F. M.; Holm, G. C.; and Turn, J.  
Epiziology of vibriosis and listeriosis of sheep and cattle.  
*Vet. Med.* 48: 321-323, 1953.  
*Vet. Bull.* #373 (1954).
- \* Eveleth, D. F.; Goldsby, Alice I.; and Turn, Jenny.  
Listeriosis of swine. *Vet. Med.* 48(2): 82-83, 1953.  
*Biol. Abstr.* #30399 (1953).
- \* Fish, N. A.; and Schroder, J. K.  
A report on the laboratory diagnosis of listerella infection in a cross-bred heifer. *Can. J. Comp. Med.* 13: 295-302, 1949.  
*Vet. Bull.* #1574 (1950).
- Geurden, L.; and Devos, A.  
*Erysipelothrix* (Listeria) monocytogenes infection in cattle.  
*Vlaams Diergeneesk. Tijdschr.* 23: 57-66, 1954.  
*Vet. Bull.* #3744 (1954).
- Geurden, L. M. G.; and Devos, A.  
Listerellose bij rundvee. *Vlaams Diergeneesk. Tijdschr.* 21: 165-175, 1952.  
*Excerpta Med. (IV)* #4049 (1954).  
*Ibid:* (IV) #652 (1953).
- \* Gifford, R.; and Eveleth, D. F.  
Listerellosis in a goat. *J. Amer. Vet. Med. Assoc.* 101: 413-418, 1942.
- Gifford, R.; and Jungherr, Erwin.  
Listeriosis in Connecticut with particular reference to a septicemic case in a wild raccoon. *Cornell Vet.* 37(1): 39-48, 1947.  
*Biol. Abstr.* #20311 (1947).
- Graham, Robert.  
Listerellosis in domestic animals.  
Urbana, Illinois, 1943.
- Graham, R.; Dunlap, G. L.; and Levine, N. D.  
Studies on Listerella. III.  
Experimental Listerellosis in domestic animals. *Cornell Vet.* 30: 268-290, 1940.  
*Vet. Bull.* #854 (1941).

#### XIV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- \* Graham, Robert; Hester, H. R.; and Levine, N. D.  
 Studies on Listerella. I. A Listerella strain isolated from a premature bovine fetus. *J. Infectious Diseases*. 66: 91-96, 1940.  
*Vet. Bull.* #854 (1941).
  
- Graham, R.; Hester, H. R.; and Levine, N. D.  
 Studies on Listerella. II. Field outbreaks of Listerellosis in sheep and cattle. *Cornell Vet.* 30: 97-111, 1940.  
*Vet. Bull.* #854 (1941).
  
- Graham, R.; Levine, N. D.; and Morrill, C. C.  
 Listerellosis in domestic animals. *Bull. Univ. Illinois Agric. Expt. Sta.* #499, 1943.
  
- \* Gray, M. L.; Johnston, R. L.; and Thorp, Frank.  
 Listeriosis in young lambs. *Mich. State Coll. Vet.* 11(3): 108; 136, 1951.  
*Biol. Abstr.* #31642 (1951).
  
- Harbour, A. E.  
Listerella infection in a calf in North Wales. *Vet. J.* 97(12): 401-407, 1941.  
*Biol. Abstr.* #11939 (1943).
  
- \* Harvey, P. G.; and Faber, J. E.  
 Studies on the Listerella group. I. Biochemical and hemolytic reactions. *J. Bact.* 42: 677-687, 1941.  
*Biol. Abstr.* #4675 (1942).
  
- Hellmann, E.; and Taubrich, F.  
 Listeriosis in chinchilla. *Tierarztl. Umschau.* 12: 16-17, 1957.  
*Vet. Bull.* #1666 (1957).
  
- \* Helmboldt, O. F.; Jacobs, R. E.; and Case, L. I.  
 An outbreak of porcine listeriosis. *Vet. Med.* 46: 347-349, 1951.  
*Vet. Bull.* #1155 (1953).
  
- Henderson, J. A.  
 An outbreak of Listeriosis in sheep. *North Amer. Veterinarian.* 22: 545-546, 1941.
  
- Henricson, T.  
 Listerellosis in a hare. *Svensk. Vet. Tidskr.* 48: 1-9, 1943.  
*Vet. Bull.* #2073 (1943).
  
- \* Hoffman, H. A.  
 Observation on a case of listerellosis in sheep. *J. Amer. Vet. Med. Assoc.* 98: 234-235, 1941.
  
- \* Hoffman, H. A.; and Lenatz, Catherine.  
 A case of listerellosis in chickens and an additional case in sheep. *J. Amer. Vet. Med. Assoc.* 100: 340-342, 1942.  
*Biol. Abstr.* #22850 (1942).
  
- Hyogo, Y.; and Kato, H.  
 A disease in a goat, resembling listeriosis. *J. Japan. Vet. Med. Assoc.* 4: 338-339, 1951.  
*Vet. Bull.* #2766 (1953).
  
- Jacotot, H.; Vallee, A.; and Virat, B.  
 Une épidémie de listerellose dans un élevage de chinchillas. *Bull. acad. vet. France.* 29: 427-430, 1956.  
*Vet. Bull.* #1970 (1957).

#### XIV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- Jansen, J.; and Peperkamp, G. W. A. N. Kennedy, A. H.  
Listerella (Erysipelothrix monocytogenes) infection in a silver fox. Hemolytic Corynebacterium  
 Tijdschr. Diergeneesk. 72: 319-321; infection in chinchilla. Rept.  
 389, 1947. Ontario Veterinary Coll, 1947.
- Vet. Bull. #654 (1948). \* King, L. S.  
 Primary encephalomyelitis in
- Jansen, Jac.; und van der Hurk, goats associated with Listerella  
 C. F. G. W. infection. Amer. J. Pathol. 16:  
Listerellosis in animals. B. 467-478, 1940.  
 Listeriallosis in a goat. Antonie  
 van Leeuwenhoek, J. Microbiol.  
 Serol. 9(3/4): 104-106, 1943.  
 Biol. Abstr. #20715 (1946). Vet. Bull. #838 (1941).
- Krage, P.  
Listerella-Infektion bei Fohlen.  
 Berlin Muench. tierarztl. Wochschr. 30-31, 1944.
- Jansen, J.; en vander Hurk, C. F. G. W. Leader, R. W.; and Holte, R. J. A.  
Listerellosis in rabbits. Tijdschr. Studies on three outbreaks of  
 Diergeneesk. 70: 106-114; 209-210, 1945. listeriosis in chinchillas.  
 Biol. Abstr. #12241 (1947). Cornell Vet. 45: 78-84, 1955.  
 Vet. Bull. #1743 (1948). Vet. Bull. #1577 (1955).
- \* Jensen, R.; and Mackey, D. R. Lesbouyries, G.  
Listerellosis in cattle and sheep. Listeria infection in the rabbit.  
 J. Amer. Vet. Med. Assoc. 114: Rec. med. vet. 119: 145-150, 1943.  
 420-424, 1949. Vet. Bull. #2361 (1944).
- Vet. Bull. #1575 (1950). Levi, M. L.; Shamir, A.; Neeman,  
 G.; and Noble, T.
- \* Jones, E. W. Two cases of bovine abortion  
Encephalitis due to Erysipelothrix associated with Erysipelothrix  
monocytogenes (circling disease) in (Listeria) monocytogenes.  
 the ox. A brief review and report Refush Vet. 9: 101-104, 1952.  
 of two cases observed in this country.  
 Vet. Record. 66: 296-298, 1954.  
 Vet. Bull. #1888 (1955).
- Levy, M. L.  
Listeria monocytogenes in voles.  
 Vet. J. 104: 310-312, 1948.
- \* Jones, T. Evan. Lilleengen, K.  
Listeria monocytogenes infection Listerellosis in capercailzie.  
 in a fowl. Australian Vet. J. 29: Svensk. Vet. Tidskr. 47: 56-57;  
 41-42, 1953. 100-116; 132-145, 1942.  
 Vet. Bull. #1388 (1954). Biol. Abstr. #5458 (1946).
- Juslin, K. E.; and Stenberg, H. 26
- Comparison of strains of  
Erysipelothrix rhusiopathiae and of  
E. monocytogenes isolated from fowls.  
 Nord. Vet. Med. 6: 457-468, 1954.  
 Vet. Bull. #3521 (1955).

#### XIV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- Linsert, H.  
Erysipelothrix (Listeria) monocytogenes infection in sheep.  
 Monatsh. Vetinaermed. 9: 445-449, 1954.  
 Vet. Bull. #2279 (1955).  
 Excerpta Med. (IV) #1744 (1955).
- \* Listeriosis in a dog kennel. Vet. Med. 51(8): 380, 1956.
- Lucas, A.; Bouley, G.; Quinchon, C.; Feugeas, C.; Gourdon, J.; Gourdon, R.; and Toucas, L.  
Erysipelothrix (Listeria) monocytogenes infection in animals, with special reference to sheep, rabbits and fowls. Rec. med. vet. 131: 151-170, 1955.  
 Vet. Bull. #3523 (1955).
- Macchiavello, A.  
 Nonplague murine epizootics in northeastern Brazil; strain of Listerella monocytogenes isolated from rat. Arquiv. hig. (Rio de Janeiro). 12: 105-108, 1942.  
 Biol. Abstr. #11239 (1944).
- \* Malewitz, T. D.; Gray, M. L.; and Smith, E. M.  
 Experimentally induced listeriosis in turkey poult. Poultry Sci. 36: 416-419, 1957.  
 Vet. Bull. #2597 (1957).
- \* Murray, E. G. D.; Webb, R. A.; and Swann, M. B. R.  
 A disease of rabbits characterized by a large monocellular leucocytosis caused by a hitherto undescribed bacillus Bacterium monocytogenes. J. Pathol. Bact. 29: 407-439, 1926.
- Nordland, O. S.  
 Occurrence of listeriosis in Arctic mammals, with a note on its possible pathogenesis. Defence Research Kingston Lab. Rept. #47, 1955.
- Olafson, P.  
Listerella encephalitis (circling disease) of sheep, cattle and goats. Cornell Vet. 30: 141-150, 1940.
- Olson, Aake.  
 Beitrag zur Kenntnis der Listerella und Streptokokkeninfektion in Hauten und in Fetus. Skand. Vet. Tidskr. 5: 273-280, 1945.  
 Biol. Abstr. #5471 (1946).
- \* Olson, C., Jr.; Bagdonas, V.; Rollins, C. L.; and Blore, I. C.  
 Relation of silage to listeriosis in sheep. Amer. J. Vet. Research. 14: 202-208, 1953.  
 Vet. Bull. #3438 (1954).
- \* Olson, C., Jr.; Bagdonas, V.; Rollins, C.; Blore, I. C.; and Segre, D.  
 Distribution of Listeria monocytogenes in listeriosis of sheep. J. Infectious Diseases. 93(3): 247-256, 1953.  
 Biol. Abstr. #16698 (1954).
- \* Olson, C.; Grace, O. D.; Segre, D.; and Blore, I. C.  
 Enhancement of listeriosis in sheep with material from bovine mucosal disease. Amer. J. Vet. Research. 18(67): 303-309, 1957.
- \* Olson, C., Jr.; and Hoerlein, A. B.  
 Observations on mucosal disease of cattle. J. Amer. Vet. Med. Assoc. 129: 466-470, 1956.
- \* Olson, C., Jr.; Rollins, C. L.; Bagdonas, V.; Blore, I. C.; and Segre, D.  
 Distribution of Listeria monocytogenes in listeriosis of sheep. J. Infectious Diseases. 93: 247-256, 1953.  
 Vet. Bull. #2622 (1954).

#### XIV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- \* Olson, C.; and Segre, D.  
An agent enhancing listeriosis of sheep. Amer. J. Vet. Research. 17: 235-242, 1956.  
Vet. Bull. #2786 (1956).
- \* Osebold, John W.; and Inouye, Taka.  
'Pathogenesis of Listeria monocytogenes infection in natural hosts. I. Rabbit studies.  
J. Infectious Diseases. 95(1): 52-66, 1954.  
Vet. Bull. #3524 (1955).
- \* Osebold, John W.; and Inouye, Taka.  
Pathogenesis of Listeria monocytogenes infections in natural hosts. II. Sheep studies.  
J. Infectious Diseases. 95(1): 67-78, 1954.  
Biol. Abstr. #6428 (1955).
- \* Osebold, John W.; Shultz, Gordon; and Jameson, E. W.  
An epizootiological study of listeriosis. J. Amer. Vet. Med. Assoc. 130(11): 471-474, 1957.
- \* Paterson, J. S.  
Experimental infection of the chick embryo with organisms of the genus Listerella. J. Pathol. Bact. 51: 437-440, 1940.  
Vet. Bull. #745 (1941).
- Paterson, J. S.  
Listerella infection in fowls.  
Vet. Record. 49: 1533-1534, 1937.
- \* Paterson, J. S.  
Naturally occurring listerollosis in adult rabbit; case. J. Pathol. & Bact. 51: 441-442, 1940.
- Paterson, J. S.  
Studies on organisms of the genus Listerella. IV. An outbreak of abortion with the recovery of Listerella from the aborted foetuses.  
Vet. J. 96: 327-332, 1940.  
Vet. Bull. #839 (1941).
- Peperkamp, G. W. A. N.; and Jansen, J.  
Erysipelothrix monocytogenes infection in fowls. Tijdschr. Diergeneesk. 72: 389-390, 1947.  
Vet. Bull. #2139 (1948).
- \* Piercy, S. E.  
Studies in bovine malignant catarrh. V. The role of sheep in the transmission of the disease. Brit. Vet. J. 110: 508-516, 1954.
- \* Plummer, P. J. C.; and Byrne, J. L.  
Listeria monocytogenes in lemming.  
Can. J. Comp. Med. 14: 214-217, 1950.  
Vet. Bull. #3213 (1950).
- \* Porter, J. R.; and Hale, William M.  
Effect of sulfanilamide and sulfapyridine on experimental infections with Listerella and Erysipelothrix in mice. Proc. Soc. Exptl. Biol. Med. 42: 47-50, 1939.  
Vet. Bull. 10: 957, 1940.
- Pritchard, W. R.  
The mucosal disease of cattle - epizootiology. Symptomatology and experimental studies. Proc. Amer. Vet. Med. Assoc. 37-42, 1955.
- \* Rhoades, Harry E.; and Sutherland, A. K.  
Concurrent Listerella monocytogenes and hog cholera infections. J. Amer. Vet. Med. Assoc. 112: 451-452, 1948.  
Biol. Abstr. #11592 (1949).
- \* Roine, Paavo; Raitio, Aune; and Vartiovaara, Unto.  
Listeria infection in guinea pig caused by feeding with aureomycin. Nature. 172: 767, 1953.  
Excerpta Med. (IV) #1871 (1954).

#### XIV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- Rubarth, S.; and Wollarez, E.  
 Liver necrosis in calves associated with Erysipelothrix (Listeria) monocytogenes. VI Nord.  
 Veterinarmotst. Proc. VIIth Scand. & Finnish Vet. Conf., Stockholm, 1951.  
 Vet. Bull. #1386 (1954).
- Ryu, H.  
 Three cases of Listeria infection in swine. Mem. Coll. Agric. Taiwan Univ. 4: 23-32, 1955.  
 Vet. Bull. #2786 (1956).
- Sandbu, H.  
Listeria monocytogenes als Abortusursache bei der Ziege. Nord. Vet. Med. 8: 585-594, 1956.  
 Biol. Abstr. #5434 (1957).  
 Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 162: 225, 1957.
- Sogaaf, van der, A.; and Jong, J. M. de.  
 Two cases of Listeria encephalitis in cattle. Tijdschr. Diergeneesk. 77: 904-907, 1952.
- Schaaf, A. van der; Jong, J. J. de; and Johg, J. M. de.  
Listeria monocytogenes caused a meningocephalitis in three heifers. Tijdschr. Diergeneesk. 76: 751-756, 1951.  
 Biol. Abstr. #15920 (1952).
- Schoop, G.  
Erysipelothrix (Listeria) monocytogenes infection in domestic animals. Deut. tierarztl. Wochschr. 58: 293-294, 1951.  
 Vet. Bull. #1982 (1952).
- Schoop, Gerhard.  
 Metritis infectiosa tragender Angorahasinnen. Deut. tierarztl. Wochschr. 42-43, 1946.  
 Ibid: 58; 250, 1951.  
 Biol. Abstr. #20468 (1950).
- Schulze, W.  
 Listerellose bei einem Adler. Monatsh. Veterinaermed. 5: 200, 1950.
- \* Schwarte, L. H.; and Biester, H. E.  
Listerella infection in cattle. Amer. J. Vet. Research. 3: 165-176, 1942.  
 Vet. Bull. #526 (1943).
- \* Segre, D.; Olson, O.; Marsh, C. L.; and Blore, I. C.  
 Attempts to influence listeriosis in chickens using antimetabolites. Amer. J. Vet. Research. 17: 299-302, 1956.  
 Vet. Bull. #2787 (1956).
- \* Sellers, A. F.; Pomeroy, B. S.; Sautter, J. H.; Pint, L. H.; and Schrafel, C. W.  
 Atypical pseudorabies and listeriosis in cattle. J. Amer. Vet. Med. Assoc. 114: 69-73, 1949.  
 Biol. Abstr. #20478 (1950).
- \* Shalkop, W. T.  
Listeria monocytogenes isolated from chinchillas. J. Amer. Vet. Med. Assoc. 116: 447-448, 1950.  
 Biol. Abstr. #14579 (1951).
- \* Smith, H. C.  
 Isolation of Listeria monocytogenes from chinchillas. Vet. Med. 48: 294-295, 1953.
- Smith, H. C.  
 Listeriosis in the chinchilla. A veterinarian reports on a disease which has been found in chinchillas and to which man is also susceptible. Amer. Fur Breeder. 26(10): 14; 60, 1953.
- Sparapani, G. O.  
 Listeriasis in fowls. Olin. vet. 69: 54-59, 1946.  
 Vet. Bull. #2138 (1948).

#### XIV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- Studies on Listerella; experimental listerellosis in domestic animals. Cornell Vet. 20: 268-290, 1940.
- \* Thamm, H. Listeriosis in deer. Zentr. Bakteriol. Parasitenk. Abt. I. Orig. 167: 417-418, 1957. Vet. Bull. #1665 (1957).
- Thorp, Frank, Jr.; Gray, M. L.; Riley, W. F., Jr.; and Scholl, L. B. A case of bovine listerellosis. Mich. State Coll. Vet. 8(1): 33, 1947. Biol. Abstr. #16222 (1949).
- \* Traub, E. Ueber eine mit Listerelle-ahnlichen Bakterien vergesellschaftete Meningo-Encephalomyelitis der Kaninchen. Zentr. Bakteriol. Parasitenk. Abt. I. Orig. 149(1): 38-49, 1942. Biol. Abstr. #1370 (1946).
- Uher, V.; und Uher, J. Ein Beitrag zur experimentellen Reticulohistiocytomatose, die durch Listeria monocytogenes hervorgerufen wird. Folia Haematol. 74(2): 151-157, 1956.
- Uher, V.; and Uher, J. Experimental reticulohistiocytomatosis by Listeria monocytogenes. Scripta Med. 28: 73-79, 1955.
- \* van den Berghe, L.; and Liessens, P. Transmission de la monoculeose infectieuse humaine (fievre ganglionnaire de Pfeiffer) au Macacus rhesus et passages successifs d'un virus filtrant. Compt. rend. soc. biol. 130: 279-283, 1939.
- \* van den Berghe, L.; Liessens, P.; and Kovacs, L. Transmission de la monoculeose infectieuse humaine au Macacus rhesus. Culture du virus en tissu. Compt. rend. soc. biol. 131: 156-158, 1939.
- Van der Vlerk, J. A case of encephalitis in a chicken caused by Listeria. Tijdschr. Diergeneesk. 79: 972-973, 1954. Biol. Abstr. #26737 (1955).
- Van Ulsen, F. W. Infecties met Listeria monocytogenes. Tijdschr. Diergeneesk. 77: 889-903, 1952.
- Van Ulsen, F. W. Listerellosis bij schapen. Tijdschr. Diergeneesk. 79(4): 535-539, 1954. Biol. Abstr. #24387 (1955).
- Viera, O.; and Castelo, M. Listeria monocytogenes. infection in guinea pigs. Rev. med. vet. Buenos Aires. 26: 127-130, 1944. Vet. Bull. #928 (1945).
- \* Viswanathan, G. R.; and Ayyar, V. Venkamara. Circling disease of sheep in the Madras state - etiology established. Indian Vet. J. 26: 395-402, 1950. Vet. Bull. #325 (1952).
- von Stuckradt, J. Zur Frage des Vorkommens von Listeria monocytogenes in Fleisch- und Organproben von Schlachttieren. Arch. Lebensmittelhyg. 246, 1956. Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 163: 522, 1957.

#### XIV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- \* Ward, D. E.  
Listerellosis in cattle. Case report. North Amer. Veterinarian. 31: 805-806, 1950.
- Westermarck, H.  
Listerellosis in sheep. Suomen Elain-Kasvitieteellisen. 52: 227-231, 1946.
- Wolff, H. L.  
On some spontaneous infections observed in mice; *Corynebacterium kutscheri*; and *Corynebacterium pseudotuberculosis*. Antonie van Leeuwenhoek; J. Microbiol. Serol. 16: 105-110, 1950.
- Wramby, G. O.  
*Erysipelothrix (Listeria) monocytogenes* and its occurrence in animals. Skand. Vet. Tidskr. 34: 277-290, 1944.  
Vet. Bull. #1264 (1948).
- \* Young, S.  
"Circling disease" in sheep in Shetland due to *Listeria monocytogenes*. Vet. Record. 68: 459-461, 1956.  
Vet. Bull. #3370 (1956).

#### XV. ANIMAL PATHOLOGY

- \* Attleberger, M. H.; and Seibold, H. R.  
*Listeria* infection of bovine mesenteric lymph nodes. J. Amer. Vet. Med. Assoc. 128(4): 202-204, 1956.  
Biol. Abstr. #11641 (1957).
- \* Biester, H. E.; and Schwarte, L. H.  
Listerellosis of sheep. North Amer. Veterinarian. 25: 34-37, 1944.  
Biol. Abstr. #20054 (1944).
- \* Biester, H. E.; and Schwarte, L. H.  
Studies on *Listerella* infection in sheep. J. Infectious Diseases. 64: 135-144, 1939.  
Vet. Bull. #10: 162, 1940.
- \* Bolin, F. M.; and Eveleth, D. F.  
*Listeria monocytogenes* in liver of a pig dying from lye poisoning. J. Amer. Vet. Med. Assoc. 118: 7, 1951.
- Bolin, F. M.; and Turn, J.  
Nonclinical listeriosis of the chicken. Bimonthly Bull. N. Dakota Agric. Expt. Sta. 13(3): 107-108, 1951.  
Biol. Abstr. #24557 (1951).
- Charles, G.  
Abortion in ewes. A case of *Listeria monocytogenes* infection. Yearbook Inst. Insp. Stk. N.S.W. 39-40, 1950.  
Index Veterinarius 18(2): 76, 1950.
- \* Cromwell, H. W.; Sweebe, E. E.; and Camp, T. C.  
Bacteria of the *Listerella* group isolated from foxes. Science. 89: 293, 1939.
- Csontos, J.; and Pesti, L.  
Listeriasis as the cause of abortion in ewes. Magyar Allatorvosok Lapja. 10: 118-121, 1955.  
Vet. Bull. #2281 (1955).

## XV. ANIMAL PATHOLOGY

- Dontenwill, W.; and Knothe, H. Pathological-histological diagnosis of listerellosis in incubated hen eggs. *Aerztl. Woehschr.* 11(10): 204-206, 1956. *Excerpta Med.* (IV) #1069 (1957).
- Evans, W. M.; and Sawyer, J. E. Bovine abortion apparently due to Listeria infection. *Cornell Vet.* 32: 448-449, 1942. *Vet. Bull.* #1838 (1943).
- \* Ferguson, K. C.; Bohl, E. H.; and Ingalls, W. L. Listeria monocytogenes associated with bovine abortion. *J. Amer. Vet. Med. Assoc.* 118: 10-11, 1951. *Biol. Abstr.* #37286 (1951).
- Flamm, H.; und Zehetbauer, G. Die Listeriose des Auges im Tierversuch. *Arch. Ophthalmol. Muench.* 158(2): 122-135, 1956.
- \* Graham, R.; Hester, H. R.; and Levine, N. D. Listerella from a premature bovine fetus. *Science.* 90: 336-337, 1939. Also: *J. Infectious Diseases.* 66: 91-96, 1940. *Vet. Bull.* 10: 577, 1940.
- Gray, M. L.; Millerick, T. I.; and Johnston, R. L. Listeriosis in goats of Michigan. *Mich. State Coll. Vet.* 12: 157-159, 1952. *Vet. Bull.* #3275 (1952).
- \* Gray, M. L.; Nelson, R. N.; and Thorp, F., Jr. Listeria isolated from the liver of a lamb. *J. Amer. Vet. Med. Assoc.* 115: 103-104, 1949. *Biol. Abstr.* #20218 (1950).
- \* Gray, M. L.; Singh, Chintamani; and Thorp, Frank, Jr. Abortion and pre or postnatal death of young due to Listeria monocytogenes. III. Studies in ruminants. *Amer. J. Vet. Research.* 17: 510-516, 1956. *Vet. Bull.* #33 (1957). *Biol. Abstr.* #8651 (1957).
- \* Gray, M. L.; Singh, C.; and Thorp, F., Jr. Abortion, stillbirth, early death of young in rabbits by Listeria monocytogenes. I. Ocular instillation. II. Oral exposure. *Proc. Soc. Exptl. Biol. Med.* 89: 163-175, 1955. *Vet. Bull.* #3522 (1955).
- Grini, O. L. monocytogenes as the cause of septicopyemia in a foal. *Norsk. Vet.-Tidsskr.* 35: 97-104, 1943. *Biol. Abstr.* #8754 (1946).
- Jansen, J. Abortion in rabbits caused by Listeria (Erysipelothrix) monocytogenes. *Tijdschr. Diergeneesk.* 70: 210-211, 1945. *Vet. Bull.* #1744 (1948).
- \* Jepsen, Asge. A case of listerella infection in lamb. *Acta Pathol. Microbiol. Scand.* 19: 423-432, 1942.
- \* Julianelle, L. A. Function of Listerella in infection. *Ann. Internal Med.* 14: 608-620, 1940. *Vet. Bull.* 12: 527, 1942.

## XV. ANIMAL PATHOLOGY

- \* Kerlin, D. L.; and Graham, Robert.  
Studies of Listerellosis. VI.  
Isolation of Listerella monocytogenes from liver of pig. Proc. Soc. Exptl. Biol. Med. 58(4): 351-352, 1945.  
Biol. Abstr. #17047 (1945).
- \* Olsen, C., Jr.; Cook, R. H.; and Blore, I. O.  
The reaction of blood cells in experimental listeriosis of sheep. Amer. J. Vet. Research. 11: 29-40, 1950.  
Vet. Bull. #2838 (1951).
- \* Olson, Carl, Jr.; Cook, R. H.; and Bagdonas, V.  
An attempt to immunize sheep during and outbreak of listeriosis. Amer. J. Vet. Research. 12: 306-313, 1951.  
Vet. Bull. #928 (1952).
- Paterson, J. S.  
Studies on organisms of the genus Listerella. IV. Outbreak of abortion associated with recovery of Listerella from aborted fetuses. Vet. J. 96: 327-332, 1940.
- \* Poppensiek, George C.  
Listerellosis - a case report. J. Amer. Vet. Med. Assoc. 105: 147-148, 1944.
- \* Ramsey, F. K.  
Pathology of a mucosal disease of cattle. Proc. Amer. Vet. Med. Assoc. 162-167, 1954.
- \* Rolle, M.; and Mayer, H.  
Zur Pathogenese der Listeriose. Zentr. Bakteriol. Parasitenk. Abt. I. Orig. 166: 479-483, 1956.  
Vet. Bull. #1667 (1957).
- Salyi, G.; and Hirt, G.  
Pathology of encephalitis in sheep caused by Erysipelothrix monocytogenes. Magyar Allatorvostek Lapja. 11: 278-282, 1956.  
Vet. Bull. #1664 (1957).
- Schaaf, A. van der; and Jong, J. M. de.  
Listeriasis in a canary. Tijdschr. Diergeneesk. 76: 79-80, 1951.  
Biol. Abstr. #15919 (1952).
- Simon, H.  
Encephalitis due to Listeria monocytogenes. Zentr. allgem. Pathol. u pathol. Anat. 90: 353-359, 1953.  
Excerpta Med. (V) #1419 (1954).
- \* Smith, R. E.; Reynolds, I. M.; and Bennett, R. A.  
Listeria monocytogenes and abortion in a cow. J. Amer. Vet. Med. Assoc. 126: 106-110, 1955.  
Biol. Abstr. #26636 (1955).
- Spararani, J. C.  
Erysipelothrix (Listeria) infection in fowls. Gac. vet. 9: 107-115, 1947.
- \* Stockton, J. J.; Neu, Lisa; Carpenter, W. S.; and Gray, M. L.  
The association of Listeria monocytogenes with abortion. J. Amer. Vet. Med. Assoc. 124: 102-105, 1954.  
Biol. Abstr. #4006 (1955).
- Svenkerud, R. R.  
Listerella infections, with special reference to their occurrence in horses. Norak. Vet.-Tidsskr. 60(9): 321-340, 1948.  
Biol. Abstr. #11607 (1949).

#### XV. ANIMAL PATHOLOGY

- Tajima, M.  
Pathological studies on encephalo-myelitis in domestic animals. II. Listerellosis-like malady in goats occurring in Japan. *Japan. J. Vet. Sci.* 12: 241-246, 1950.  
*Vet. Bull.* #2765 (1953).
- \* Thompson, G. H., Jr.  
Unusual pathological changes in a case of fowl listeriosis. *Amer. J. Vet. Research.* 15: 130-132, 1954.  
*Vet. Bull.* #3430 (1954).
- \* Zink, A.; Mello, G. C. de; and Burkhardt, R. L.  
Listeriosis-field and laboratory studies and aureomycin activity. *Amer. J. Vet. Research.* 12: 194-198, 1951.  
*Vet. Bull.* #656 (1952).

#### XVI. METHODOLOGY

- \* Berlin, M.  
Contribution à l'étude de Listeria monocytogenes. *Ann. inst. Pasteur.* 73: 99-101, 1947.  
*Zentr. Bakteriol. Parasitenk. Abt. I. Ref.* 148: 236, 1951.
- \* Burnet, F. M.; and Anderson, S. C.  
Modification of human red cells by virus action. II. Agglutination of modified human red cells by sera from cases of infectious mononucleosis. *Brit. J. Exptl. Pathol.* 27: 236-244, 1946.
- \* Chalbert, Y.; Boyer, F.; et Dechavassine, Monique.  
Determination de la sensibilité microbienne aux sulfamides par une méthode de disques sèches. *Ann. inst. Pasteur.* 85: 56-63, 1953.
- Dimmling, Th.  
Adaptability of the paper disc method for determining bacterial sensitivity to antibiotics and chemotherapeutics for use by non-bacteriologists. *Aerztl. Wochschr.* 8: 633-639, 1953.
- \* Dixon, Frank, J.; Talmage, David W.; Maurer, Paul H.; and Deichmiller, Maria.  
The half-life of homologous gamma globulin (antibody) in several species. *J. Exptl. Med.* 96: 313-318, 1952.
- \* Gray, M. L.; Stafseth, H. J.; Thorp, Frank, Jr.; Sholl, L. B.; and Riley, W. F., Jr.  
A new technic for isolating Listerellae from the bovine brain. *J. Bact.* 55(4): 471-476, 1948.  
*Biol. Abstr.* #18972 (1948).
- \* Gray, M. L.; Stafseth, H. J.; and Thorp, F., Jr.  
Use of potassium tellurite, sodium azide and acetic acid in selective medium for isolation of Listeria monocytogenes. *J. Bact.* 59: 443-444, 1950.  
*Excerpta Med. (IV)* #4692 (1950).  
*Bull. Hyg.* 25: 962, 1950.

## XVI. METHODOLOGY

- \* Gray, M. L.; Thorp, Frank, Jr.; and Laine, Sylvia L.  
The effect of aureomycin on Listeria monocytogenes. *Bact. Proc.* 3: 93-94, 1950.
- \* Hepler, Opal E.  
Manual of clinical laboratory methods. 4th ed. Charles C. Thomas Publ., 1949.
- \* Linzenmeier, G.; and Seeliger, H.  
Method and value of sulfonamide resistance determination of Listeria monocytogenes by means of modified plate culture test. *Zeit. Hyg. Infektionskrankh.* 137: 440-451, 1953.
- Manual of methods of pure culture study of bacteria. 8th ed. Soc. Amer. Bact., 1944.
- \* Olson, C., Jr.; Dunn, L. A.; and Rollins, C. L.  
Methods for isolation of Listeria monocytogenes from sheep. *Amer. J. Vet. Research.* 14: 82-85, 1953.
- \* Schleifstein, J.; and Tompkins, V.  
Rabies in cattle - a technique for removal of the cerebellum for laboratory examination. *J. Amer. Vet. Med. Assoc.* 119: 130-132, 1951. *Biol. Abstr.* #9278 (1952).
- \* Seeliger, Heinz.  
Zur Diagnostik von Alkalescens-Stämmen unter besonderer Berücksichtigung beweglicher Kulturen des *Bact. alkalescens* (Andrewes). *Zentr. Bakteriol. Parasitenk. Abt. I. Orig.* 157: 250-272, 1951.
- \* Ungar, J.; Jenner, R. M.; and Hunwicke, R. R.  
Observations on the preparation and testing of antigenic fractions of Bact. typhosum. *J. Pathol. Bact.* 54: 331-340, 1942.
- \* Wising, Per J.  
A study of infectious mononucleosis (Pfeiffer's disease) from the etiological point of view. *Acta Med. Scand. Suppl.* #133, 1942.
- \* Young, Lawrence E.  
The clinical significance of cold hemagglutinins. *Amer. J. Med. Sci.* 211: 23-39, 1946.
- \* Zeissler, J.  
Welche Voraussetzungen mu die Technik von Kulturversuchen zur Bestimmung der bakteriostatischen Wirkung der Sulfonamide erfüllen? *Zeit. Immunitätsforschung.* 106(4): 273-297, 1949.

## XVII. TISSUE CULTURE

- \* Dedrick, Jean W.  
Listeria meningitis, a report of eight cases. *Amer. J. Med. Sci.* 233(6): 617-621, 1957.
- \* Gray, M. L.; Stafseth, H. J.; and Thorp, F., Jr.  
The effect of streptomycin on Listeria. *J. Amer. Vet. Med. Assoc.* 115: 171-173, 1949. *Vet. Bull.* #1211 (1950).

## XVI. METHODOLOGY

- \* Linzenmeier, G.; and Seeliger, H.  
Die in vitro-Empfindlichkeit von  
Listeria monocytogenes (Pirie)  
gegen Sulfonamide und Antibiotica.  
Zentr. Bakteriol. Parasitenk. Abt. I.  
Orig. 160: 543-558, 1954.  
Vet. Bull. #287 (1955).
- \* Nettleship, A.  
On infectious mononucleosis. Proc.  
Soc. Exptl. Biol. Med. 49: 116-117,  
1942.
- + Smith, E. M.; Gray, M. I.; Thorp,  
F., Jr.  
Reaction of spleen tissue in  
culture of Listeria monocytogenes.  
Proc. Soc. Exptl. Biol. Med. 94(1):  
162-166, 1957.
- \* van den Berghe, L.; Liessens, P.;  
and Kovacs, L.  
Transmission de la monoculeose  
infectieuse humaine au Macacus  
rhesus. Culture du virus en  
tissu. Compt. rend. soc. biol.  
131: 156-158, 1939.

## XVIII. FREEZE DRYING

- \* Macpherson, J. W.; and Fish, N. A.  
The survival of pathogenic bacteria  
in bovine semen preserved by freezing.  
Amer. J. Vet. Research. 15: 548-550,  
1954.  
Biol. Abstr. #14376 (1955).
- \* Stein, C. D.; and Rogers, Herbert.  
Recovery of viable microorganisms  
and viruses from vapors removed  
from frozen suspensions of biologic  
material during lyophilization.  
Amer. J. Vet. Research. 11:  
339-344, 1950.  
Biol. Abstr. #2280 (1951).

## XIX. STAINING

Olson, Aake.  
A simplified method of staining  
for the study of placenta specimens.  
Skand. Vet. Tidskr. 34(?): 416-422,  
1944.  
Biol. Abstr. #3342 (1946).

## XX. EPIDEMIOLOGY

### GENERAL EPIDEMIOLOGY

- Dedie, K.  
 Beitrag zur Epizootologie der  
 Listeriose. Arch. exptl. Vet. Med. 9: 251, 1955.  
 Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 161: 65, 1956.
- Dedie, K.  
 Zur Epizootologie der Listeriose. Arch. exptl. Vet. Med. 9: 3, 1955.  
 Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 158: 307, 1956.
- \* Eveleth, D. F.; Goldsby, A. I.; Bolin, F. M.; Holm, G. C.; and Turn, J.  
 Epizootiology of vibriosis and listeriosis of sheep and cattle. Vet. Med. 48: 321-323, 1953.  
 Vet. Bull. #373 (1954).
- \* Girard, Kenneth F.; and Murray, E. G. D.  
Listeria monocytogenes as the cause of disease in man and animals, and its relation to infectious mononucleosis from an etiological and immunological aspect. Amer. J. Med. Sci. 221: 343-352, 1951.
- Jacotot, H.; Vallee, A.; and Virat, B.  
 Une epizootie delisterellose dans un élevage de chinchillas. Bull. acad. vet. France. 29: 427-430, 1956.  
 Vet. Bull. #1970 (1957).
- \* Julianelle, L. A.  
 Function of Listerella in infection. Ann. Internal Med. 14: 608-620, 1940.  
 Vet. Bull. 12: 527, 1942.
- Macchiavello, A.  
 Nonplague murine epizootics in north-eastern Brazil; strain of Listerella monocytogenes isolated from rat. Arquiv. hig. (Rio de Janeiro). 12: 105-108, 1942.  
 Biol. Abstr. #11239 (1944).
- \* Morris, J. Anthony; and Norman, M. C.  
 Isolation of Listeria monocytogenes from ferrets. J. Bact. 59: 313-314, 1950.  
 Excerpta Med. (IV) #5464 (1950).
- Odegaard, B.; Grelland, R.; and Henriksen, S. D.  
 A case of Listeria - infection in man transmitted from sheep. Acta Med. Scand. 142: 231, 1952.
- \* Osebold, John W.; Shultz, Gordon; and Jameson, E. W.  
 An epizootiological study of listeriosis. J. Amer. Vet. Med. Assoc. 130(11): 471-474, 1957.
- Paterson, J. S.  
 Studies on organisms of the genus Listerella. IV. Outbreak of abortion associated with recovery of Listerella from aborted fetuses. Vet. J. 96: 327-332, 1940.
- Potel, J.  
 zur Epidemiologie der Listeriose der Neugeborenen (Granulomatosis infantiseptica). Deut. Gesundheitsw. 9(3): 92-95, 1954.
- Fritchard, W. R.  
 The mucosal disease of cattle - epizootiology. Symptomatology and experimental studies. Proc. Amer. Vet. Med. Assoc. 37-42, 1955.
- Schulte, F.; und Scholz, H. D.  
 Listerienmeningitis bei Schafen, hervorgerufen durch einen in Deutschland seltenen Listerientyp. Deut. tierarztl. Wochschr. 257, 1956.  
 Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 163: 520, 1957.

## XX. EPIDEMIOLOGY

### GENERAL EPIDEMIOLOGY

- Schier, R.  
Mononucleose infectieuse.  
*Encyclopedie Medico-Chirurgiale*,  
Paris, 1950.
- \* van den Berghe, L.; and Liessens, P.  
Transmission de la monocuoleose  
infectieuse humaine (fievre gang-  
lionnaire de Pfeiffer) au Macacus  
rhesus et passages successifs d'un  
virus filtrant. *Compt. rend. soc.  
biol.* 130: 279-283, 1939.
- \* van den Berghe, L.; and Liessens, P.;  
and Kovacs, L.  
Transmission de la monocuoleose  
infectieuse humaine au Macacus  
rhesus. Culture de virus en  
tissu. *Compt. rend. soc. biol.*  
131: 156-158, 1939.
- Wising, P. J.  
Successful transmission of in-  
fectious mononucleosis to man by  
transfusion of heparinized blood.  
*Acta Med. Scand.* 109: 507, 1942.

### LABORATORY INFECTIONS

- \* Fish, N. A.; and Schroder, J. K.  
A report on the laboratory diag-  
nosis of Listerella infection in a  
cross-bred heifer. *Can. J. Comp.  
Med. Vet. Sci.* 13: 295, 1949.
- Graham, R.; Levine, N. D.; and  
Morrill, C. G.  
Listerellosis in domestic animals.  
A technical discussion of field and  
laboratory investigation. *Bull.  
Illinois Agric. Expt. Sta.* #499,  
1943.  
*Vet. Bull.* #1681 (1944).
- Kaplan, M. M.; and Lager, A. E.  
A clinical and laboratory study  
of spontaneous listerellosis in a  
goat. *Vet. Med.* 40: 199-202,  
1945.  
*Vet. Bull.* #374 (1946).

### EPIDEMIC COUNTRIES

#### AUSTRALIA

- Clapp, K. H.  
Circling disease in South Australia.  
*Australian Vet. J.* 29(3): 82, 1953.  
*Biol. Abstr.* #6624 (1954).
- Noble, R. J.  
Australia. New South Wales.  
*Dept. Agric. Ann. Rept.*, 1951-52.  
75p.  
Hindmarsh, W. L. *Rept. Div.  
Animal Ind.* p.31-42.  
*Vet. Bull.* #4204 (1955).

## IX. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### AUSTRALIA

- \* Stanley, N. F.  
Studies on Listeria monocytogenes.  
I. Isolation of a monocytosis-producing agent (MPA). Australian J. Exptl. Biol. Med. 27(2): 123-131, 1949.  
Excerpta Med. (V) #2131 (1950).
- \* Stanley, N. F.  
Studies on Listeria monocytogenes.  
II. Role of Listeria in infectious mononucleosis. Australian J. Exptl. Biol. Med. Sci. 27(2): 133-142, 1949.  
Excerpta Med. (VI) #831 (1950).
- \* Stanley, N. F.  
Listeria monocytogenes: failure to isolate organism from human throat. Australian J. Exptl. Biol. Med. Sci. 28: 117-119, 1950.  
Biol. Abstr. #37024 (1950).

#### CANADA

- \* Bain, A. F.  
The isolation of Listeria monocytogenes from animal species in Ontario. Can. J. Public Health. 42: 72, 1951.

Bigland, C. H.  
A report on the isolation of Listeria (Listerella) organism from a canary and a chicken in the Province of Alberta. Can. J. Comp. Med. Vet. Sci. 14(10): 319-324, 1950.  
Biol. Abstr. #8675 (1951).

#### FRANCE

- Belin, M.  
Erysipelothrix (Listeria) monocytogenes infection in horses. Bull. acad. vet. France. 19: 176-181, 1946.  
Vet. Bull. #2207 (1947).

- Belin, M.; and Lagriffoul, A.  
Listeria infection in sheep in France. Bull. acad. vet. France. 16: 376-379, 1943.  
Vet. Bull. #698 (1945).

\* Biester, H. E.; and Schwarte, L. H.  
Listerella infection in swine. J. Amer. Vet. Med. Assoc. 96: 339-342, 1940.  
Vet. Bull. #355 (1941).

Bret, A. J.; Coupe, G.; Solle, R.; and Thibault, P.  
Meningite à Listeria monocytogenes du nouveau-né un cas de guérison. Arch. franc. pediat. 14(3): 298-301, 1957.

## XX. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### FRANCE

Goulobier, G.; Sarrut, S.; Alison, F.; and Rossier, A.  
La listeriose du nouveau-ne.  
Arch. franc. pediat. 13(9):  
943-960, 1956.

Harvier, P.; Lavergne, H.; and  
Claisse, R.  
Bacteria monocytogenes - human  
infection. Bull. acad. med.  
(Paris). 126: 402-404, 1942.

#### GERMANY

Alex, R.  
Die approximative Häufigkeit der  
Listeriosainfektion in der Schwanger-  
schaft. Arch. Gynakol. 186: 381-384,  
1955.

Bettecken, F.; and Brinkmann, O.  
Listeria-meningitis in a child.  
Arch. Kinderheilk. 151(2): 170-174,  
1955.  
Zentr. Bakteriol. Parasitenk. Abt. I.  
Ref. 160: 73, 1956.

Bisling, R.  
Listeriose des Menschen. Deut.  
med. Wochschr. 594-595, 1952.  
Zentr. Bakteriol. Parasitenk. Abt. I.  
Ref. 154: 586, 1955.

Born, K.  
Beiträge zur Frage der Listeriose  
bei Neugeborenen. Arch. Kinder-  
heilk. 151(2): 174-179, 1955.  
Zentr. Bakteriol. Parasitenk. Abt. I.  
Ref. 160: 73, 1956.

Dedie, K.  
Weitere Beobachtungen zur Epidemio-  
logie der Listeriose.  
Zentr. Bakteriol. Parasitenk. Abt. I.  
Ref. 163: 309, 1957.

Flamm, H.  
Die patho-histologische  
Diagnose der Listeriose im  
Tierversuch. Schweiz. Zeit.  
algem. Pathol. 18(3): 270-277,  
1955.

Zentr. Bakteriol. Parasitenk.  
Abt. I. Ref. 158: 86, 1955.  
Ibid: 160: 74, 1956.

Gram, H. G.  
Ein Fall von Listeria-meningitis  
bei einem Erwachsenen in Baden.  
Medizinische. #18: 683-684, 1955.  
Zentr. Bakteriol. Parasitenk.  
Abt. I. Ref. 160: 73, 1956.

Hahnefeld, H.; and Nisolke, E.  
The occurrence of listerellosis  
in East Mecklenburg. Observa-  
tions in newborns. Deut.  
Gesundheitsw. 9(5): 149-155,  
1954.  
Excerpta Med. (IV) #1745 (1957).

Hartwigk, H.  
Die Listerella-Infektion (List-  
eriose) bei Mensch und Tier.  
Berlin. Muench. tierarztl.  
Wochschr. 66: 133-135, 1953.  
Zentr. Bakteriol. Parasitenk.  
Abt. I. Ref. 154: 585, 1955.

## XX. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### GERMANY

- Hartwigk, H.; und Grund, S.  
Elektronenmikroskopische Untersuchungen an Listeria monocytogenes.  
Zentr. Vet. Med. 3: 232, 1956.  
Zentr. Bakteriol. Parasitenk. Abt. I.  
Ref. 162: 225, 1957.
- Hartwigk, H.; und Renk, W.  
Ein Fall einer spontanen Rinderlisteriose. Berlin. Muench. tierärztl. Wochschr. 69: 165, 1956.  
Zentr. Bakteriol. Parasitenk. Abt. I.  
Ref. 163: 520, 1957.
- Krage, P.  
Listerella-Infektion bei Fohlen.  
Berlin. Muench. tierärztl. Wochschr. 30-31, 1944.
- Lang, K.  
Über Listeriose beim Kleinkind.  
Monatsschr. Kinderheilk. 103(1): 17-21, 1955.
- Linzenmeier, G.; Kropp, K.; and Luechtrath, H.  
Listeriosis in newborn. Zeit. Kinderheilk. 73: 505-512, 1953.
- Martinek, Rudolf.  
Über das Vorkommen der Listeriose bei Neugeborenen im Bezirk Magdeburg.  
Deut. Gesundheitsw. 9(37): 1111-1114, 1954.  
Zentr. Bakteriol. Parasitenk. Abt. I.  
Ref. 156: 263, 1955.
- Mayer, H.  
Listerianinfektionen bei Chinchilla.  
Berlin. Muench. tierärztl. Wochschr. 69: 221, 1956.  
Zentr. Bakteriol. Parasitenk. Abt. I.  
Ref. 163: 519, 1957.
- Oezgen, H.  
Über die List. monocytogenes.  
Inaug. Diss. Gieben, 1951.
- Pallaske, G.  
Über das Vorkommen einer seuchenhaften Encephalomyelitis purulente bei Schafen in Deutschland. (Listerella-Infektion). Berlin. Muench. tierärztl. Wochschr. 441-445, 1940.  
Biol. Abstr. #1354 (1946).  
Ibid: #11190 (1945).
- \* Pallaske, G.  
Weitere Untersuchungen über die Listerella-infektion der Schafe.  
Zeit. Infektionskrankh. 59(3): 125-145, 1943.  
Biol. Abstr. #17108 (1944).
- Potet, J.; and Alex, R.  
Obstetrical experiences after Listeria infections. Geburtsh. u Frauenheilk. 16(11): 1002-1008, 1956.
- Pothmann, E.  
Erysipelothrax infection in sheep and fowls in East Prussia.  
Olin. vet. 70: 159, 1947.
- Schmidt, H.  
Listeria-Meningitis mit Ausgang in Heilung. Therap. Gegenwart. 1: 21-22, 1955.  
Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 161: 59-60, 1956.

## XX. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### GERMANY

- Schubert, W.; und Koehler, W.  
Ueber die Beobachtung des ersten  
Fallen von Listeriose in Westmecklen-  
burg. Wiss. Zeit. Univ. Rostock,  
math. naturw. 4: 143-149, 1954-55.  
Zentr. Bakteriol. Parasitenk. Abt. I.  
Ref. 163: 520, 1957.
- Sinios, A.  
Listeriose beim Neugeborenen.  
Med. Klin. (Berlin). 50(31):  
1315-1318, 1955.
- Wiesmann, E.  
Die Listeriose. Schweiz. med.  
Wochschr. 86(7): 161-162, 1956.
- \* Seeliger, Heinz.  
Biotypen von Listeria monocytogenes.  
Zeit. Hyg. Infektionskrankh. 139:  
389-392, 1954.  
Bull. Hyg. 29: 1192, 1954.

#### JAPAN

- Asahi, O.; Hosoda, T.; Akiyama, Y.;  
and Ebi, Y.  
Studies on listerosis in domestic  
animals. I. Listeriosis in goats  
found in Aomori Prefecture. Exp.  
Rept. Govt. exp. Sta. Anim. Hyg.,  
Japan. #27: 289-300, 1953.  
Vet. Bull. #1575 (1955).
- Hirato, K.; Shimizu, K.; Ono, T.;  
Sato, G.; Yawata, Y.; und  
Nishinara, Y.  
Bacteriological observations on  
an outbreak of ovine listerosis  
in Sapporo. Japan. J. Vet. Research.  
1: 191-201, 1954.  
Zentr. Bakteriol. Parasitenk. Abt. I.  
Ref. 158: 307, 1956.  
Vet. Bull. #2282 (1955).
- Sugawa, Y.  
Report of a suspect case of  
listeriosis in sheep. J. Japan.  
Vet. Med. Assoc. 4: 80-83, 1951.
- Tabuchi, E.; Akiyama, Y.; and  
Hosoda, T.  
Listeria infection. Tokyo Exp.  
Rept. Govt. Expt. Sta. Animal Hyg.  
#25: 83-91, 1952.
- Tajima, M.  
Pathological studies on encephalo-  
myelitis in domestic animals. II.  
Listerellosis-like malady in goats  
occurring in Japan. Japan. J. Vet.  
Sci. 12: 241-246, 1950.  
Vet. Bull. #2765 (1953).

XX. EPIDEMIOLOGY

EPIIDEMIC COUNTRIES

NETHERLANDS

- Bergsma, G.  
Listeriose in den Niederlanden.  
Deut. Schlachtu. Viehhof-Z. 268,  
1954.  
Zentr. Bakteriol. Parasitenk. Abt. I.  
Ref. 158: 306, 1956.
- van Dorssen, G. A.; and Jansen, J.  
Erysipelothrix (*Listeria*) mono-  
cytogenes infection in the Nether-  
lands. Tijdschr. Diergeneesk.  
75: 756-761, 1951.  
Vet. Bull. #2384 (1952).

NORWAY

- Eide, G. W.  
Studies on infertility and abort-  
ion in sheep and goats in Norway.  
I. The occurrence of Listeria mono-  
cytogenes and *Vibrio fetus* in the  
sexual organs of normally fertile  
ewes. Nord. Vet. Med. 8: 437-445,  
1956.  
Zentr. Bakteriol. Parasitenk. Abt. I.  
Ref. 162: 225, 1957.

- Eieland, E.; and Finborud, J.  
Erysipelothrix (*Listeria*) mono-  
cytogenes infection in a sheep in  
Norway. Nord. Vet. Med. 2: 19-22,  
1950.  
Vet. Bull. #2777 (1950).

- Grini, O.  
Erysipelothrix monocytogenes in-  
fection in animals in Norway. VI.  
Nord. Veterinarmotet. Proc. Scand.  
& Finnish Vet. Conf., Stockholm,  
212-218, 1951.

- Grini, O.  
*Listerella monocytogenes* as  
cause of encephalitis in sheep.  
Norsk. Vet.-Tidsskr. 54(8):  
417-428, 1942.  
Ibid: 55: 97, 1943.  
Biol. Abstr. #7067 (1946).
- Naerland, G.  
Listeriasis in sheep and goats  
in Norway. Nord. Vet. Med. 2:  
1-18, 1950.  
Vet. Bull. #1608 (1952).

## XX. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### UNITED STATES

- Biester, H. E.; and Schwarte, L. H.  
Bovine listerellosis in Iowa with  
studies on a recovered case. North  
Amer. Veterinarian. 22: 729-734,  
1941.
- Biester, H. E.; and Schwarte, L. H.  
Listerellosis in swine and  
criteria for diagnosis. Proc. 44th  
Ann. Meeting U. S. live Stk. sanit.  
Assoc., 1940. 42-46, 1941.  
Vet. Bull. 11: 746, 1941.
- \* Boucher, B.  
A case of bovine listerellosis in  
Pennsylvania. J. Amer. Vet. Med.  
Assoc. 109: 213, 1946.  
Biol. Abstr. #12216 (1947).
- \* Boyer, G. I., Jr.; Sippel, W. L.;  
and Carlisle, B. E.  
Listeriosis of cattle in South  
Georgia. Vet. Med. 46: 482-484;  
493, 1951.  
Vet. Bull. #926 (1952).
- \* Cole, G. R.  
Listerellosis in a Hereford cow.  
J. Amer. Vet. Med. Assoc. 109:  
216-217, 1946.
- Gifford, R.; and Jungherr, Erwin.  
Listeriosis in Connecticut with  
particular reference to a septicemic  
case in a wild raccoon. Cornell Vet.  
37(1): 39-48, 1947.  
Biol. Abstr. #20311 (1947).
- \* Gray, M. L.; Stafseth, H. J.; and  
Thorp, F., Jr.  
A four-year study of listeriosis  
in Michigan. J. Amer. Vet. Med.  
Assoc. 118: 242-252, 1951.  
Vet. Bull. #2837 (1951).  
Biol. Abstr. #4130 (1952).
- Gray, M. L.; and Thorpe, F., Jr.  
Listeriosis in Michigan. Mich.  
State Coll. Vet. 9(2): 49, 1949.  
Biol. Abstr. #20219 (1950).
- Gray, M. L.; Thorp, Frank, Jr.;  
Nelson, R. H.; and Sholl, L. B.  
Listerellosis in sheep of  
Michigan. Mich. State Coll. Vet.  
7(4): 161-163, 1947.  
Biol. Abstr. #14501 (1948).
- \* Hatch, Ray D.  
Report of a case of Listerella  
infection in a cow in southwest  
Virginia. J. Bact. 49(1):  
110-111, 1945.
- Hester, H. R.; and Levine, N. D.  
Studies on Listerella; field  
outbreaks of listerellosis in  
sheep and cattle. Cornell Vet.  
30: 97-111, 1940.
- \* Jensen, G. W.; and Gay, W. J.  
Ovine Listerellosis. Report of  
an outbreak in a purebred flock.  
North Amer. Veterinarian. 22:  
601-605, 1941.  
Vet. Bull. 12: 330, 1942.
- Mathieu, P. L.; Young, R. M.;  
Mennillo, E. P.; and Sherwood,  
E. S.  
Listeria meningitis. J. Pediat.  
48: 349-355, 1956.  
Zentr. Bakteriol. Parasitenk.  
Abt. I. Ref. 162: 224, 1957.
- \* Muth, O. H.; and Morrill, Don Rex.  
An outbreak of listerellosis in  
Oregon sheep. J. Amer. Vet. Med.  
Assoc. 100: 242-243, 1942.  
Biol. Abstr. #2385 (1943).

## XX. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### UNITED STATES

- Pomeroy, B. S.; Fenstermacher, R.; and Andberg, W. G.  
Listerellosis of sheep and cattle in Minnesota. Cornell Vet. 33: 269-273, 1943.  
Vet. Bull. #1205 (1944).
- \* Pounden, W. D.; Bell, D. S.; and Mairs, R. E.  
An outbreak of acute bovine listerellosis. J. Amer. Vet. Med. Assoc. 111: 128-129, 1947.  
Biol. Abstr. #16931 (1948).
- \* Pounden, W. D.; and Edgington, R. H.  
Listerellosis in Ohio. J. Amer. Vet. Med. Assoc. 110: 107, 1947.
- Pritchard, W. R.; Carlson, R. G.; Moses, H. E.; and Bunnell Taylor, D. E.  
Virus diarrhea and mucosal disease. Proc. U. S. Live Stk. Sanit. Assoc. 173-188, 1955.
- \* Ryff, J. F.; and Lee, A. M.  
Listerellosis report of an outbreak in Wyoming sheep and preliminary, experimental therapy in rabbits. Amer. J. Vet. Research. 9: 147-151, 1948.  
Vet. Bull. #1576 (1950).
- \* Schipper, I. A.; Eveleth, D. F.; Shumard, R. F.; and Richards, S. H.  
Mucosal disease of cattle. Vet. Med. 50: 431-450, 1955.
- Selinger, B.; and Becker, F. P.  
Listeria meningitis; report of a case. Pediatrics. 16: 500-503, 1955.
- \* Spencer, G. R.; Hoyt, H. H.; and Whitehair, O. K.  
Listerellosis occurring in Wisconsin. J. Amer. Vet. Med. Assoc. 105: 35-38; 195-197, 1944.  
Biol. Abstr. #1370 (1945).  
Vet. Bull. #697 (1945).
- \* Stoerner, H. G.; Mendimer, F. R.; and Foster, R. G.  
An outbreak of ovine listerellosis in Utah. J. Amer. Vet. Med. Assoc. 115: 174-175, 1949.  
Biol. Abstr. #20511 (1950).
- Tharp, V. L.  
Listerellosis in cattle and sheep in Ohio. Proc. 18th Ann. Conf. Veterinarians, Ohio, 90-91, 1949.

#### USSR

- \* Alsuf'ef, N. G.; and Emelianova, O. S.  
Mixed epizootic tularemia, listeria and streptoccal among voles during the winter. Zhur. Mikrobiol. Epidemiol. Immunobiol. #2: 36-41, 1954.
- Amanzhulov, S. A.  
Abortion in goats due to Erysip-  
elothrix (Listeria) monocytogenes  
infection, infection of kids and treatment with sulphantrol.  
Veterinariia. 30(8): 22-23, 1953.  
Vet. Bull. #895 (1955).

## XX. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### USSR

- Bilibin, A. F.  
Listerella infection in man.  
 Klin. med. (USSR). 27(8): 48-54,  
 1949.  
 Excerpta Med. (VI) #2252 (1950).
- Chodkowski, Alfred; and Ozarnowski,  
 Adam.  
Listerelloza. Med. Weterynaryjna.  
 7(6): 362-364, 1951.  
 Biol. Abstr. #1684 (1952).
- Dabrowski, T.; and Meresta, L.  
Listeria infection in sheep.  
 Med. vet. Warszawie. 10: 135-136,  
 1955.  
 Vet. Bull. #3131 (1955).
- Gudkowa, E. I.; and Sacharoff, P. P.  
 On Listeria. Zhur. Eksp. Biol.  
 i Med. 22: 54, 1946.
- \* Gudkova, E. I.; and Voronina, T. P.  
 Diagnosis of the anginas caused  
 by Listeria. Zhur. Mikrobiol.  
 Epidemiol. Immunobiol. 27(8): 31-39,  
 1956.
- Kemenes, F.  
 Isolation of Erysipelothrix  
(Listeria) monocytogenes from  
 injected sheep in Hungary. Mag.  
 allator. Lapja. 10: 115-118, 1955.  
 Vet. Bull. #2280 (1955).
- Khalimbekov, M. M.  
Erysipelothrix Listeria monocytogenes in sheep and goats. Veterinariia.  
 29(7): 37-41, 1952.
- Khalimbekov, M. M.  
Listeria infection in sheep and  
 goats. Trudy XL Plenum vet. Sess.  
 Akad. sel'skokhoz. Nauk imeni  
 Lenina Stavropol. 68-77, 1953.  
 Vet. Bull. #674 (1957).
- \* Kornilova, A. L.  
 Domestic animals as a source of  
Listeria infection. Zhur.  
 Mikrobiol. Epidemiol. Immunobiol.  
 27(9): 68-73, 1956.
- \* Kratochvil, N. I.  
 Die Isolierung des Erregers der  
 Listerellose bei gemeinen Feld-  
 mausen und Zecken Ixodes ricinus.  
 Zhur. Mikrobiol. Epidemiol.  
 Immunobiol. #11: 60-61, 1953.  
 Zentr. Bakteriol. Parasitenk.  
 Abt. I. Ref. 156: 265, 1955.
- \* Kuz'minskii, A. S.  
 Epidemiologic outbreak of  
Listeria infection. Zhur.  
 Mikrobiol. Epidemiol. Immunobiol.  
 27(9): 25-30, 1956.
- Mencikova, E.  
 Listeriosis in newborn. Cesk.  
 epidemiol. mikrobiol. immunol.  
 5(5): 225-228, 1956.
- Mitin, M. B.; u Mitarb.  
 Gegen den reaktionaren Mendel-  
 ismus-Morganismus Moskau-Lenin-  
 grad, 1950.
- Mocsy, J.; and Salyi, G.  
 Listeriasis in sheep. Magyar  
 Allatorvosok Lapja. 7: 172-174,  
 1952.
- \* Morozkin, N. I.; and Lebedeva, O. P.  
 Problems of the clinical aspects,  
 diagnosis and therapy of human  
 Listerellosis. Sovet. Med. 3:  
 27-37, 1955.

XX. EPIDEMIOLOGY  
EPIDEMIC COUNTRIES

USSR

- \* Olsufjev, N. G.; u Jemeljanova, O. S.  
Die gemischte Epizootie der Tularämie, Listerellose und Streptokokken-Infektion bei gemeinen Wuhlmäusen im Winter. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #2: 36-41, 1954.  
*Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 155:* 443, 1955.
- Orobinski, I. I.  
Listeriosis-like disease in sheep. *Veterinaria.* 31(11): 46-48, 1954.  
*Vet. Bull. #1576* (1955).
- Patocka; and Benda.  
Listeria infections in newborn infangs. *Ceskoslov. Hyg. Epidemiol. Mikrobiol.* 2(5): 325-340, 1953.
- Patocka, F.; and Schineler, J.  
Some factors influencing the virulence of Listeria monocytogenes. *Ceskoslov. Epidemiol. Mikrobiol. Immunol.* 5(5): 229-235, 1956.
- Patocka; Benda; and Starka.  
Listerierainfektionen bei Neugeborenen. *Ceskoslov. Hyg. Epidemiol. Mikrobiol.* 5/53 II.  
*Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 156:* 264, 1955.
- Pletneva, N. A.; and Stiksova, V. N.  
Oculo-glandular form of listerellosis. *Vestnik. Oftalmol.* 29(4): 17-21, 1950.  
*Excerpta Med. (VI) #3082* (1952).
- Pouska, F.  
Erysipelothrrix (*Listeria*) monocytogenes infection. *Casopis Ceskeho. Vet.* 5: 57-58, 1950.  
*Vet. Bull. #3212* (1950).
- Shamesova, L. G.  
The angino-septicemic form of listerellosis. *Arch. Patol., Moscow.* 11(5): 75-78, 1949.  
*Excerpta Med. (V) #2715* (1950).
- \* Shkurko, E. D.; and Udal'tsova, M. S.  
Psychosis associated with listerellosis. *Zhur. Nevropatol. i Psichiat.* 53(8): 625-631, 1953.
- Shmelova, V. V.  
Oculo-glandular form of *Listeria* infection. *Vestnik. Oftalmol.* 32(1): 46-47, 1953.  
*Excerpta Med. (IV) #4050* (1954).
- Skhiladze, M. V.  
Erysipelothrrix (*Listeria*) monocytogenes infection in horses and pigs. *Veterinaria.* 30(9): 23-24, 1953.  
*Vet. Bull. #1387* (1954).
- Slabospicky, T. P.  
New pathogencous microorganism of the genus *Listerella*. *Zhur. Mikrobiol. Kiev.* 6: 123-158, 1939.
- Solomkin, P. S.  
Listerella infection in swine. *Veterinaria.* 31(1): 24-29, 1954.  
*Vet. Bull. #1787* (1954).
- Stolnikov, V. I.  
Malignant catarrhal fever and Listerellosis in cattle. *Veterinaria.* 32: 33-38, 1955.
- Stricker, F.; Grunert, Z.;  
Karelova, K.; and Koppel, Z.  
Incidence of listeriosis in animals in Czechoslovakia. *Ceskoslov. Epidemiol. Mikrobiol. Immunobiol.* 5(5): 236-238, 1956.

## XX. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### USSR

- Stricker, E.; Koppel, M.; Grunert, Z.; and Karellova, J.  
Listeria infection in animals in Slovakia. *Vet. Cas.* 5: 352-355, 1956.  
*Vet. Bull.* #673 (1957).
- \* Timofeyeva, A. N.; Shkurko, E. D.; and Udaltsova, M. S.  
On listeria psychosis. *Nevropatol. i Psichiat.* 53(8): 625-631, 1953.  
*Excerpta Med.* (VI) #4100 (1954).
- Toneva, V.  
Cases of listeriasis in domestic animals in Bulgaria. *Izvest. Mikrobiol. Inst. Sofia.* 7: 103-106, 1956.
- Toshev, G.; Iliev, G.; and Ivanov, I.  
Listeriollosis in obstetrics. *Akushерство и Гинекология.* 32(6): 70-71, 1956.
- Vacek, R.; and Benda, R.  
Congenital listerellosis in newborn; so called pseudo-tuberculosis or pseudodiphtheria according to older authors. *Pediat. Listy.* 9(2): 107-116, 1954.
- Vendrov, A. A.  
Erysipelothrix (Listeria) monocytogenes infection in swine. *Veterinaria.* 31(8): 32-33, 1954.  
*Vet. Bull.* #1889 (1955).
- Bedenashvili, G. G.  
Combined plague and listerellosis infection in swine. *Veterinariia.* 34(5): 25-26, 1957.
- Koznov, N. A.; Barsukov, G. F.  
Listerellosis in swine. *Veterinariia.* 34(5): 23-24, 1957.
- \* Chernousova, A. V.; and Putiato, N. G.  
Clinical aspects of listerellosis. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* 28(3): 58-60, 1957.

## AUTHOR INDEX

- Akiyama, Y., see  
    Asahi, O. 22, 42.  
    Tabuchi, E. 42.
- Alex, R. 40.  
\_\_\_\_\_, see  
    Potel, J. 41.  
\_\_\_\_\_; and Potel, J. 12.
- Alison, F., see  
    Coulombier, G. 40.
- Alsuf'ef, N. G.; and Emelianova, O. S.  
    45.
- Amanzhulov, S. A. 45.
- Andberg, W. G., see  
    Pomeroy, B. S. 45.
- Anderson, G. A. 18, 20.
- Anderson, S. C., see  
    Burnet, F. M. 14, 34.
- Appleton, F. G., see  
    Line, F. G. 9.
- Asahi, O.; Hosoda, T.; and Akiyama, Y.  
    22.  
\_\_\_\_\_; Hosoda, T.; Akiyama, Y.; and Ebi,  
    Y. 22, 42.
- Attleberger, M. H.; and Seibold, H. R.  
    31.
- Ayyar, V. V., see  
    Viswanathan, G. R. 30.
- Bagdonas, V., see  
    Olson, C., Jr. 22, 27, 33.
- Bain, A. F. 39.
- Balozet, L. 22.
- Bandaranayake, A. 22.
- Bang, J. 11, 23.
- Baranyi, L. T., see  
    Csontos, L. 24.
- Barber, M. I.  
\_\_\_\_\_, see  
    Webb, R. A. 14.
- Barrales, D. 23.
- Becker, F. P., see  
    Selinger, B. 45.
- Belding, R. C.; and Mayer, M. L. 23.
- Belin, M. I. 34, 39.  
\_\_\_\_\_; and Lagriffoul, A. 39.
- Bell, D. S., see  
    Founden, W. D. 45.
- Beller, K.; and Zeller. I.
- Benazet, F. I.  
\_\_\_\_\_; Bonjean, M.; Colobert, L.; and  
    Schier, R. 12.
- Benda, see  
    Patocka. 47.
- Benda, R., see  
    Vacek, R. 48.
- Bennett, I. L., Jr.; Russell, P. H.;  
    and Derivaux, J. H. 20.
- Bennett, R. A., see  
    Smith, R. E. 33.
- Bergey, D. H. I.
- Bergsma, C. 43.
- Berry, J. F. 7.
- Bertoye, A., see  
    Sedallian, P. 10.
- Bettecken, F.; and Brinkmann, O. 40.
- Beute, A. E., see  
    Boekelman, M. T. 8.  
\_\_\_\_\_; Meyler, L.; and Sirks, J. L. 7.
- Bieling, R. 40.
- Bienegreber, A., see  
    Hagemann, U. 12.
- Bierbaum, O. S., see  
    Julianelle, L. A. 11.

- Biester, H. E., see  
     Schwarze, L. H. 29.  
 \_\_\_\_; and Schwarze, L. H. 7, 23, 31,  
     39, 44.  
 Bigland, G. H. 23, 39.  
 Bilibin, A. F. 46.  
 Binder, M. A.; Diehl, C.; Weiss,  
     J. M.; and Ray, H. 8, 18.  
 Blieck, L. de; und Jansen, J. 23.  
 Blood, D. G.; and Saunders, L. Z. 23.  
 Blore, I. C., see  
     Olson, C. 27, 33.  
     Segre, D. 20, 29.  
 Bodansky, A. 18.  
 Boekelman, M. T.; and Beute, A. E. 8.  
 Boekels, H. 14.  
 Boesse, W., see  
     Hoffmann, H. 13.  
     Pohmann, D. 21.  
 Bohl, E. H., see  
     Ferguson, K. C. 32.  
 Bolin, F. M., see  
     Eveleth, D. F. 24, 37.  
 \_\_\_\_; and Eveleth, D. F. 31.  
 \_\_\_\_; and Turn, J. 31.  
 \_\_\_\_; Turn, J.; Richards, S. H.; and  
     Eveleth, D. F. 23.  
 Boniece, W. S., see  
     Powell, H. M. 21.  
 Bonjean, M., see  
     Behazet, F. 12.  
 Born, K. 40.  
 Boucher, B. 44.  
 Boucher, W. B. 23.  
 Bouley, G., see  
     Lucas, A. 27.  
 Boyer, G. I., Jr.; Sippel, W. L.; and  
     Carlisle, B. E. 23, 44.  
 Boyer, F., see  
     Chalbert, Y. 34.  
 Bradley, J. G., see  
     Finegold, S. M. 2.  
 Bray, M. M., see  
     Carroll, G. J. 8.  
 Bret, A. J.; Coupe, C.; Solle, R.; and  
     Thibault, P. 8, 39.  
 Breuning, M.; and Fritzsche, F. 12.  
 Brinkmann, O., see  
     Bettecken, F. 40.  
 Brunner, D. W., see  
     Hagan, W. A. 2.  
 Bunnell, Taylor, D. E., see  
     Pritchard, W. R. 45.  
 Burnet, F. M.; and Anderson, S. C.  
     14, 34.  
 Burkhardt, R. L., see  
     Zink, A. 20.  
 Burn, G. G. 1, 8, 11, 12, 14.  
 Burrows, W., see  
     Jordan, E. O. 2.  
 Byrne, J. L., see  
     Plummer, P. J. C. 28.  
 Camp, T. C., see  
     Cromwell, H. W. 23, 31.  
 Campbell, M. K., see  
     Finegold, S. M. 2.  
 Carlisle, B. E., see  
     Boyer, G. I. 23, 44.  
 Carlson, R. G., see  
     Pritchard, W. R. 45.  
 Carpenter, W. S., see  
     Stockton, J. J. 33.  
 Carraz, M., see  
     Sedallian, P. 10.  
 Carroll, G. J.; Bray, M. M.; and Hare,  
     R. 8.  
 Carter, R. D., see  
     Winkler, C. H. 11.  
 Case, L. I., see  
     Helmboldt, C. F. 25.  
 Castelo, M., see  
     Viera, O. 30.  
 Chalbert, Y.; Boyer, F.; et  
     Dechavassine, M. 34.  
 Chapman, M. P. 23.  
 Charles, G. 31.  
 Chernoff, H. M., see  
     Hoepprech, P. D. 9, 21.  
 Cherry, W. B., see  
     Line, F. G. 9.  
 Chodkowski, A.; and Ozarnowski, A.  
     46.  
 Ghomet, B., see  
     Korn, R. J. 16.

- Claisse, R., see  
     Harvier, P. 8, 40.  
 Clapp, K. H. 38.  
 Cole, G. R. 44.  
 Cole, R. K. 23.  
 Colobert, L., see  
     Benazet, F. 12.  
 Cook, R. H., see  
     Olson, G., Jr. 22, 33.  
 Cotoni, L. 8.  
 Coulombier, G.; Sarrut, S.; Alison, F.; Diehl, C., see  
     and Rossier, A. 40.  
 Coupe, C., see  
     Bret, A. J. 8, 39.  
 Cromwell, H. W.; Sweebe, E. E.; and  
     Camp, T. C. 23, 31.  
 Crosby, J., see  
     Reed, R. W. 9.  
 Cross, F. 23.  
 Csontos, J.; and Pesti, L. 31.  
 Csontos, L.; Derzsy, D.; and  
     Baranyi, L. T. 24.  
 Csonto, L.; Derzsy, D.; and Totti,  
     B. I. 23.  
 Culbertson, C. G., see  
     Powell, H. M. 21.  
 Curnen, E. C., see  
     Evans, A. S. 15.  
 Cury, A.; Goes, P. de; Hutner, S. H.;  
     and Starr, T. J. 6.  
 \_\_\_\_; Portellada, P. C. L.; and Hutner,  
     S. H. 6.  
 Czarnowski, A., see  
     Chodkowski, A. 46.  
  
 Dabrowski, T.; and Moresta, L. 46.  
 Dammin, G. J., see  
     Janeway, C. A. 15.  
 Davis, B. D. 15.  
 De Gavaller, B. 12.  
 De Vries, J.; und Strikwerda, E. 24.  
 Dechavassine, M., see  
     Chalbert, Y. 34.  
 Dedie, K. 24, 37, 40.  
 Dedrick, J. W. 8, 12, 35.  
 Deichmiller, M., see  
     Dixon, F. J. 34.  
  
 Derivaux, J. H., see  
     Bennett, I. L., Jr. 20.  
 Derzsy, D., see  
     Csonto, L. 23, 24.  
 Despirito, A., see  
     Portero, A. 9.  
 Detmold, J. G.; and Gergensohn, H.  
     12.  
 Devos, A., see  
     Geurden, L. M. 2, 24.  
 Binder, M. A. 8, 18.  
 Dimmling, Th. 34.  
 Dittmar, W.; and Wagner, W. 8.  
 Dixon, F. J.; Talmage, D. W.; Maurer,  
     P. H.; and Deichmiller, M. 34.  
 Dobson, P., see  
     Reed, R. W. 9.  
 Donker-Voet, J. 15.  
 Dontenwill, W.; and Knothe, H. 32.  
 Dorssen, C. A. van; and Jansen, J. 5.  
 Drew, R. M. 21.  
 Dunlap, G. L., see  
     Graham, R. 24.  
 Dunn, L. A., see  
     Olson, C. 35.  
  
 Ebli, Y., see  
     Asahi, O. 22, 42.  
 Edgington, B. H., see  
     Pounden, W. D. 45.  
 Ehrenhard, D. 15.  
 Eide, G. W. 43.  
 Eieland, E.; and Finborud, J. 43.  
 Emelianova, O. S., see  
     Alsuf'ef, N. G. 45.  
 Enjalbert, L.; and Raynal, M. 8.  
 Epstein, J. A., see  
     Foley, E., Jr. 18.  
 Erdmann, G. 1, 12.  
 \_\_\_\_; and Potel, J. 1.  
 Evans, A. S. 11, 15.  
 \_\_\_\_; and Curnen, E. C. 15.  
 Evans, W. M.; and Sawyer, J. E. 32.  
 Eveleth, D. F. 23.  
 \_\_\_\_; see  
     Bolin, F. M. 31.

- Eveleth, D. F., see  
     Gifford, R. 24.  
     Schipper, I. A. 45.  
 \_\_\_\_; Bolin, F. M.; and Turn, J. 24.  
 \_\_\_\_; Goldsby, A. I.; Bolin, F. M.;  
     Holm, G. C.; and Turn, J. 1, 37.  
  
 Faber, J. E., see  
     Harvey, P. C. 5, 19, 25.  
 Felsenfeld, O. 12.  
 Fenstermacker, R., see  
     Pomeroy, B. S. 45.  
 Ferguson, K. C.; Bohl, E. H.; and  
     Ingalls, W. L. 32.  
 Feugeas, C., see  
     Lucas, A. 27.  
 Finborud, J., see  
     Eieland, E. 43.  
 Finegold, S. M.; Bradley, J. G.;  
     Campbell, M. K.; and Greenberg,  
     A. J. 2.  
 Fink, U. 6.  
 Fischer, J. T. 8.  
 Fish, N. A., see  
     Macpherson, J. W. 36.  
 \_\_\_\_; and Schroder, J. K. 24, 38.  
 Flamm, H. 40.  
 \_\_\_\_; see  
     Krepler, P. 3.  
 \_\_\_\_; Krepler, P.; and Harasin, H.  
     18, 20.  
 \_\_\_\_; und Zehetbauer, G. 32.  
 Florman, A. L. 15.  
 Foley, E. J.; Epstein, J. A.; and  
     Lee, S. W. 18.  
 Foster, R. C., see  
     Stoerner, H. G. 45.  
 Franco, F. 8.  
 Fritzsch, F., see  
     Breunig, M. 12.  
  
 Gall, E. A.; and Stout, H. A. 12.  
 Gant, J.; and McKenzie, D. 8.  
 Gavin, W. F., see  
     Reed, R. W. 9.  
  
 Gay, W. J., see  
     Jensen, G. W. 44.  
 Geraci, E., see  
     Heilman, F. R. 21.  
 Geurden, L. 2.  
 \_\_\_\_; and Devos, A. 2, 24.  
 Gierchake, F. W.; und Konig, H. 12.  
 Gifford, R.; and Eveleth, D. F. 24.  
 \_\_\_\_; and Jungherr, E. 44.  
 Girard, K. F. 15.  
 \_\_\_\_; and Murray, E. G. D. 2, 37.  
 Girsengohn, H., see  
     Detmold, J. G. 12.  
 Goes, P. da, see  
     Cury, A. 6.  
 Goldsby, A. I., see  
     Eveleth, D. F. 1, 37.  
 Gorset, P. 2.  
 Gourdon, J., see  
     Lucas, A. 27.  
 Grace, O. D., see  
     Olson, C. 27.  
 Graham, R. 2, 24.  
 \_\_\_\_; see  
     Hurt, R. H. 5.  
     Kerlin, D. L. 33.  
 \_\_\_\_; Dunlap, G. L.; and Levine, N. D.  
     24.  
 \_\_\_\_; Hester, H. R.; and Levine, N. D.  
     2, 25, 32.  
 \_\_\_\_; and Levine, N. D. 21.  
 \_\_\_\_; Levine, N. D.; and Morrill, C. C.  
     21, 25, 38.  
 Gram, H. G., 40.  
 Gray, M. L. 2, 18.  
 \_\_\_\_; see  
     Malewitz, T. D. 27.  
 Gray, M. I., see  
     Smith, E. M. 36.  
 Gray, M. L., see  
     Stockton, J. J. 33.  
     Thorp, F., Jr. 30.  
 \_\_\_\_; Johnston, R. L.; and Thorp, F.  
     25.  
 \_\_\_\_; Laine, S. L.; and Thorp, F., Jr.  
     18.  
 \_\_\_\_; Lassiter, C. A.; Webster, H. D.;  
     Huffman, C. F.; and Thorp, F., Jr.  
     5.

- Gray, M. L.; and McWade, D. H. 5.  
 \_\_\_\_; Millerick, T. I.; and Johnston,  
     R. L. 32.  
 \_\_\_\_; and Moore, G. R. 19.  
 \_\_\_\_; Nelson, R. N.; and Thorp, F.,  
     Jr. 32.  
 \_\_\_\_; Singh, C.; and Thorp, F., Jr.  
     32.  
 \_\_\_\_; Stafseth, H. J.; and Thorp, F.,  
     Jr. 5, 14, 19, 34, 35, 44.  
 \_\_\_\_; Stafseth, H. J.; Thorp, F., Jr.;  
     Sholl, L. B.; and Riley, W. F.,  
     Jr. 34.  
 \_\_\_\_; and Thorpe, F., Jr. 44.  
 \_\_\_\_; Thorp, F., Jr.; and Laine, S. L.  
     35.  
 Greenberg, A. J., see  
     Finegold, S. M. 2.  
 Grelland, R., see  
     Odegaard, B. 9, 37.  
 Griffin, A. M., see  
     Robbins, M. L. 16, 18, 19, 22.  
 \_\_\_\_; and Robbins, M. L. 18, 22.  
 Grini, O. 32, 43.  
 Grund, S., see  
     Hartwigk, H. 41.  
 Grunert, K., see  
     Stricker, F. 47.  
 Gudkova, E. I.; and Sacharoff, P. P.  
     46.  
 Gudkova, E. I.; and Voronina, T. P.  
     46.  
 Gutzzeit, K. 15.  
  
 Haas, W.; und Wilhelm, R. 20.  
 Haex, A. J. C., see  
     van Beek, G. 14.  
 Hagan, W. A.; and Bruner, D. W. 2.  
 Hagemann, U.; and Simon, H. 12.  
 \_\_\_\_; Simon, H.; and Bienengraber, A.  
     12.  
 Hahnefeld, H.; and Nisolke, E. 40.  
 Hale, W. M., see  
     Porter, J. R. 19, 28.  
 Hammainen, T., see  
     Stenberg, H. 18, 20.  
 Handelman, N. I.; Rotondo, G. C.;  
     Scott, E. P.; and Knighton, H. T. 8.  
 Harazin, H., see  
     Flamm, H. 18, 20.  
 Harbour, A. E. 25.  
 Hare, R., see  
     Carroll, G. J. 8.  
 Hartwigk, H. 40.  
 \_\_\_\_; und Grund, S. 41.  
 \_\_\_\_; und Renk, W. 41.  
 Harvey, P. C.; and Faber, J. E. 5,  
     19, 25.  
 Harvier, P.; Lavergne, H.; and  
     Claisse, R. 8, 40.  
 Hatch, R. D. 44.  
 Heilman, F. R.; Herrell, W. E.;  
     Wellman, W. E.; Geraci, E.; Rose,  
     D.; and Warren, E. 21.  
 Hein, H. 2, 12.  
 Hellmann, E.; and Taubrich, F. 25.  
 Helmboldt, C. F.; Jacobs, R. E.; and  
     Case, L. I. 25.  
 Henderson, J. A. 25.  
 Hendriksen, S. D., see  
     Odegaard, B. 9, 37.  
 Henricson, T. 25.  
 Hepler, C. E. 35.  
 Herrell, W. E., see  
     Heilman, E. R. 21.  
 Hester, H. R., see  
     Graham, R. 2, 25, 32.  
 \_\_\_\_; and Levine, N. D. 44.  
 Hirato, K.; Shimizu, K.; Ono, T.;  
     Sato, G.; Yawata, Y.; und  
     Nishinara, Y. 42.  
 Hirt, G., see  
     Salyi, G. 33.  
 Hloucal, L., see  
     Patocka, F. 9, 16.  
 Hoeprich, P. D.; and Chernoff, H. M.  
     9, 21.  
 Hoerlein, A. B., see  
     Olson, C., Jr. 27.  
 Hoffman, H. A. 25.  
 Hoffmann, H.; and Boese, W. 13.  
 Hoffman, H. A.; and Lenarz, O. 25.  
 Holle, G. 9.  
 Holm, G. C., see  
     Eveleth, D. F. 1, 37.  
 Hood, M. 9.  
 Hornung, J. R., see  
     Williams, R. 11.

- Horthagl, W.; und Krepler, P. 21.  
 Horton-Smith, C. 2.  
 Hosoda, T., see  
     Asahi, O. 22, 42.  
     Tabuchi, E. 42.  
 Hoyt, H. H., see  
     Spencer, C. R. 45.  
 Huffman, C. F., see  
     Gray, M. L. 5.  
 Hull, T. G. 2.  
 Hunter, M. C. 14.  
     —; Stahly, G. L.; and Myers, W. G.  
         14.  
 Hunwicks, R. R., see  
     Ungar, J. 35.  
 Hurt, R. H.; Levine, N. D.; and  
     Graham, R. 5.  
 Hutner, S. H. 7.  
     —, see  
         Cury, A. 6.  
 Hymersma. 2.  
 Hyogo, Y.; and Kato, H. 25.  
  
 Iliev, G., see  
     Toshev, G. 48.  
 Ingalls, W. L., see  
     Ferguson, K. C. 32.  
 Inouye, T., see  
     Osebold, J. W. 28.  
 Ivanov, I., see  
     Toshev, G. 48.  
  
 Jacobs, R. E., see  
     Helmboldt, C. F. 25.  
 Jacotot, H.; Vallee, A.; and Virat,  
     B. 25, 37.  
 Jaeger, R. F.; and Myers, D. M. 5.  
 James, M. F., see  
     Winkler, C. H. 11.  
 Jameson, E. W., see  
     Osebold, J. W. 16, 28, 37.  
 Janeway, C., see  
     Weller, T. H. 4.  
 Janeway, C. A.; and Dammin, G. J. 15.  
 Jansen, J. 32.  
  
 Jansen, J., see  
     Blieck, L. de. 23.  
     Peperkamp, C. W. A. N. 28.  
     van Dorasen, C. A. 5, 43.  
     —; and Peperkamp, C. W. A. N. 26.  
     —; und van der Hurk, C. F. G. W.  
         26.  
 Jemeljanova, O. S., see  
     Olsuljev, N. G. 47.  
 Jenner, R. M., see  
     Ungar, J. 35.  
 Jensen, G. W.; and Gay, W. J. 44.  
 Jensen, R.; and Mackey, D. R. 26.  
 Jepsen, A. 32.  
 Johnston, R. L., see  
     Gray, M. L. 25, 32.  
 Johnson, W. H.; Morton, S. A.; Wong,  
     M. H.; and Roy, T. E. 13.  
 Jones, E. W. 26.  
 Jong, J. M. de., see  
     Schaaf, van der A. 29, 33.  
     Sogaaf, van der A. 29.  
 Jordan, E. O.; and Burrows, W. 2.  
 Julianelle, L. A. 3, 5, 15, 22, 32,  
     37.  
     —; Bierbaum, O. S.; and Moore,  
         C. V. 11.  
     —; and Moore, E. 13.  
     —; and Pons, C. A. 5, 15, 22.  
 Jung, F., see  
     Seeliger, H. 4, 10.  
 Jungherr, E., see  
     Gifford, R. 44.  
 Juslin, K. E.; and Stenberg, H. 26.  
  
 Kahr, M.; and Weisert, O. 9.  
 Kaplan, M. M. 3.  
     —; and Lager, A. E. 38.  
 Kapsenberg, G. 9.  
 Karellova, K., see  
     Stricker, F. 47, 48.  
 Kato, H., see  
     Hyogo, Y. 25.  
 Kaufman, R. E. 15.  
 Kelser, R. A.; and Schoening, H. W.  
     3.  
 Kemenes, F. 46.

- Kerlin, D. L.; and Graham, R. 33.  
 Khalimbekov, M. M. 46.  
 Kiehl, W. 9.  
 Kilham, L. 15.  
 — and Steigman, A. J. 16.  
 Knighton, H. T., see  
     Handelman, N. I. 8.  
 Knothe, H., see  
     Dentonivill, W. 32.  
 Kodicek, E.; und Worden, A. N. 19.  
 Koehler, W., see  
     Schubert, W. 42.  
 Kolmer, J. A. 16.  
 Konig, H., see  
     Gierhake, F. W. 12.  
 Koppel, Z., see  
     Stricker, F. 47, 48.  
 Korn, R. J.; Yakulis, V. J.; Lemke,  
     O. E.; and Chomet, B. 16.  
 Kornilova, A. L. 46.  
 Kovacs, L., see  
     van den Berghe, L. 30, 36, 38.  
 Krage, P. 41.  
 Kratochvil, N. I. 46.  
 Krebs, A., see  
     Reiss, H. J. 9.  
 Krepler, P., see  
     Flamm, H. 18, 20.  
     Hortnagl, W. 21.  
     —; and Flamm, H. 3.  
 Kroeger, E. 5.  
     —; and Rahmel, R. 13.  
 Kropp, K., see  
     Linzenmeier, G. 41.  
 Kuz'minskii, A. S. 46.  
  
 Lager, A. E., see  
     Kaplan, M. M. 38.  
 Lagriffoul, A., see  
     Belin, M. 39.  
 Laine, S. L., see  
     Gray, M. L. 18, 35.  
 Lang, K. 9, 13, 41.  
 Lassiter, G. A., see  
     Gray, M. L. 5.  
 Lavergne, G. H., see  
     Harvier, P. 8, 40.  
  
 Lebedeva, O. P., see  
     Moroskin, N. I. 46.  
 Lee, A. M., see  
     Ryff, J. F. 45.  
 Lee, S. W., see  
     Foley, H. J. 18.  
 Leifson, M.; and Palen, M. I. 14.  
 Lemke, G. E., see  
     Korn, R. J. 16.  
 Lenatz, C., see  
     Hoffman, H. A. 25.  
 Lepine, P., see  
     Schier, R. 11.  
 Levine, N. D., see  
     Graham, R. 2, 21, 24, 25, 32,  
         38.  
     Hester, H. R. 44.  
     Hurt, E. H. 5.  
 Levin, J. K., see  
     Norman, M. C. 19.  
 Liessens, P., see  
     van den Berghe, L. 30, 36, 38.  
 Line, F. G.; and Appleton, F. G. 9.  
     —; and Cherry, W. B. 9.  
 Linsert, H. 3, 16, 27.  
 Linzenmeier, G., see  
     Seeliger, H. 4, 10, 17.  
     —; Kropp, K.; and Luechtrath, H.  
         41.  
     —; and Seeliger, H. 35, 36.  
 Lippelt, H., see  
     Mannweiler, H. 16.  
 Longfellow, D., see  
     Norman, M. C. 19.  
 Lucas, A.; Bouley, G.; Quinchon, G.;  
     Feugeas, G.; Gourdon, J.; Geurdon,  
         R.; and Toucas, L. 27.  
 Luechtrath, H., see  
     Linzenmeier, G. 41.  
  
 Macchiavello, A. 27.  
 Mackenzie, G. M. 16.  
 Mackey, D. R., see  
     Jensen, R. 26.  
 Macpherson, J. W.; and Fish, W. A.  
         36.  
 Mairs, R. E., see  
     Pouden, W. D. 45.

- Malewitz, T. D.; Gray, M. L.; and  
     Smith, E. M. 27.  
 Mannweiler, E.; and Lippelt, H. 16.  
 Maral, R., see  
     Sedallian, P. 10, 13.  
 Marsh, C. L., see  
     Segre, D. 20, 29.  
 Martin, R.; Sureau, B.; Millet, A.;  
     and Quelin-Rimetz, Mme. 9, 19.  
 Martinek, R. 41.  
 Mathieu, P. L.; Young, R. M.;  
     Mennillo, E. P.; and Sherwood,  
     E. S. 44.  
 Maurer, P. H., see  
     Dixon, F. J. 34.  
 Mayer, H. 41.  
     see  
     Rolle, M. 33.  
 Mayer, M. L., see  
     Belding, R. O. 23.  
 McKenzies, D., see  
     Gant, J. 8.  
 McNutt, S. H. 7.  
 McWade, D. H., see  
     Gray, M. L. 5.  
 Mello, G. C. de, see  
     Zink, A. 20.  
 Mencikova, E. 46.  
     see  
     Patocka, F. 9, 16.  
 Mendimer, F. R., see  
     Stoenner, H. G. 45.  
 Mennillo, E. P., see  
     Mathieu, P. L. 44.  
 Merchant, I. A. 3.  
 Meresta, L., see  
     Dabrowski, T. 46.  
 Meyler, L., see  
     Beute, A. E. 7.  
 Miles, A. A., see  
     Wilson, G. S. 11.  
 Millerick, T. I., see  
     Gray, M. L. 32.  
 Millet, A., see  
     Martin, R. 9, 19.  
 Mitarb, see  
     Mitin, M. B. 46.  
 Mitin, M. B.; und Mitarb. 46.  
 Mocsy, J.; and Salyi, G. 46.  
 Moinecourt, J., see  
     Sedallian, P. 10, 13.  
 Monberg-Jorgensen, H. G. 3.  
 Moore, C. V., see  
     Julianelle, L. A. 11.  
 Moore, E., see  
     Julianelle, L. A. 13.  
 Moore, G. R., see  
     Gray, M. L. 19.  
 Morozkin, N. I.; and Lebedeva, O. P.  
     46.  
 Morrill, C. C., see  
     Graham, R. 21, 25, 38.  
 Morrill, D. R., see  
     Muth, O. H. 44.  
 Morris, J. A.; and Norman, M. G. 37.  
 Morton, S. A., see  
     Johnson, W. H. 13.  
 Mueller, G. 3.  
 Murray, E. G. D. 3.  
     see  
     Girard, K. F. 2, 37.  
 \_\_\_\_; Webb, R. A.; and Swann, M. B. R.  
     27.  
 Muth, O. H.; and Morrill, D. R. 44.  
 Myers, D. M., see  
     Jaeger, R. F. 5.  
 Myers, W. G., see  
     Hunter, M. G. 14.  
 Naerland, G. 43.  
 Nettleship, A. 36.  
 Neu, L., see  
     Stockton, J. J. 33.  
 Nishinara, Y., see  
     Hirato, K. 42.  
 Nisolke, E., see  
     Hahnefeld, H. 40.  
 Noble, R. J. 38.  
 Nordland, O. S. 18, 27.  
 Norman, F. W. 13.  
 Norman, M. G., see  
     Morris, J. A. 37.  
 \_\_\_\_; Longfellow, D.; and Levin,  
     J. K. 19.  
 Nyfeldt, A. 3.  
     see  
     Schmidt, V. 10.

- Odgaard, B.; Gralland, R.; and  
     Hendriksen, S. D. 9, 37.  
 Odenthal, H., see  
     Seeliger, H. 4, 10.  
 Oogen, H. 41.  
 Oku, M., see  
     Shimizu, K. 6.  
 Olafson, P. 3, 27.  
 Olson, A. 36.  
 Olson, C., see  
     Segre, D. 20, 29.  
 Olson, C., Jr.; Bagdonas, V.; Rollins,  
     G. L.; and Blore, I. G. 27.  
 \_\_\_\_; Bagdonas, V.; Rollins, G.; Blore,  
     I. G.; and Segre, D. 27.  
 \_\_\_\_; Cook, R. H.; and Bagdonas, V.  
     22, 33.  
 \_\_\_\_; Dunn, L. A.; and Rollins, G. L.  
     35.  
 \_\_\_\_; Grace, O. D.; Segre, D.; and  
     Blore, I. G. 27.  
 \_\_\_\_; and Hoerlein, A. B. 27.  
 \_\_\_\_; Rollins, G. L.; Bagdonas, V.;  
     Blore, I. G.; and Segre, D. 27.  
 Olson, C.; and Segre, D. 28.  
 Olsuljev, N. G.; und Jemeljanova,  
     O. S. 47.  
 Ono, T., see  
     Hirato, K. 42.  
 Orobinski, I. I. 47.  
 Osebold, J. W.; and Incouye, T. 28.  
 \_\_\_\_; and Sawyer, M. T. 16, 22.  
 \_\_\_\_; Shultz, G.; and Jameson, E. W.  
     16, 28, 37.  
 Ortel, S. 19.  
 Otsuka, G., see  
     Shimizu, K. 6.  
 Ozgen, H. 16, 19.
- Palen, M. I., see  
     Leifson, E. 14.  
 Pallaske, G. 41.  
 Paloczy, J. 9.  
 Paterson, J. S. 3, 16, 28, 33, 37.  
 Patocka; and Benda. 47.  
 \_\_\_\_; Benda; and Starka. 47.
- Patocka, F.; Hloucal, L.; und  
     Mencikova, E. 9, 16.  
 \_\_\_\_; and Schineler, J. 47.  
 Pelczar, M. J., Jr., see  
     Porter, J. R. 7.  
 Peperkamp, G. W. A. N., see  
     Jansen, J. 26.  
 \_\_\_\_; and Jansen, J. 28.  
 Pesti, L., see  
     Csontos, J. 31.  
 Piechand, M., see  
     Schier, R. 6, 7.  
 Piercy, S. E. 28.  
 Pint, L. H., see  
     Sellers, A. F. 29.  
 Pirie, J. H. 4.  
 Pittanger, R. C., see  
     Powell, H. M. 21.  
 Pletneva, N. A.; and Stiksova, V. N.  
     47.  
 Plummer, P. J. G.; and Byrne, J. L.  
     28.  
 Pohlmann, D.; und Boense, W. 21.  
 Pomeroy, B. S., see  
     Sellers, A. F. 29.  
 \_\_\_\_; Fenstermacher, R.; and Andberg,  
     W. G. 45.  
 Pons, G. A., see  
     Julianelle, L. A. 5, 15, 22.  
 \_\_\_\_; and Julianelle, L. A. 5.  
 Poppe, K. 4.  
 Poppensiek, G. G. 33.  
 Portellada, P. C. L., see  
     Cury, A. 6.  
 Porter, J. R.; and Hale, W. M. 19,  
     28.  
 \_\_\_\_; and Pelczar, M. J., Jr. 7.  
 Portero, A.; and Despirito, A. 9.  
 Potel, J. 4, 5, 6, 7, 37.  
 \_\_\_\_; see  
     Alex, R. 12.  
     Reiss, H. J. 9.  
 \_\_\_\_; and Alex, R. 41.  
 Pothmann, E. 41.  
 Pounden, W. D.; Bell, D. S.; and  
     Mairs, R. E. 45.  
 \_\_\_\_; and Edgington, B. H. 45.  
 Pouska, F. 47.

- Powell, H. M.; Boniece, W. S.;  
     Pittenger, R. C.; Stone, R. L.;  
     and Gulbertson, G. G. 21.  
 Prevot, A. R. 4.  
 Prigge, R. 16.  
 Pritchard, W. R. 28, 37.  
     ; Carlson, R. G.; Moses, H. E.;  
     and Bunnell, Taylor, D. E. 45.  
  
 Quelin-Rimetz, Mme., see  
     Martin, R. 9, 19.  
 Quinchon, G., see  
     Lucas, A. 27.  
  
 Rahmel, R., see  
     Kroeger, E. 13.  
 Raitio, A., see  
     Roine, P. 19.  
 Ramsey, F. K. 33.  
 Ray, H., see  
     Binder, M. A. 8, 18.  
 Raynal, M., see  
     Enjalbert, L. 8.  
 Reed, R. W.; Gavin, W. F.; Crosby, J.;  
     and Dobson, P. 9.  
 Reiss, H. J. 13.  
     ; Potel, J.; and Krebs, A. 9.  
 Renazet, F., see  
     Schier, R. 6, 7.  
 Renk, W., see  
     Hartwigk, H. 41.  
 Reynolds, I. M., see  
     Smith, R. E. 33.  
 Rhoades, H. E.; and Sutherland, A. K.  
     28.  
 Richards, S. H., see  
     Bolin, F. M. 23.  
     Schipper, I. A. 45.  
 Riley, W. F., Jr., see  
     Gray, M. L. 34.  
     Thorp, F., Jr. 30.  
 Robbins, M. L., see  
     Griffin, A. M. 18, 22.  
     ; and Griffin, A. M. 16, 18, 19, 22.  
 Rogers, H., see  
     Stein, C. D. 36.  
  
 Roine, P.; Raitio, A.; and  
     Vartiovaara, U. 19, 28.  
 Rolls, M.; and Mayer, H. 33.  
 Rollins, C. 35.  
     , see  
     Olson, C., Jr. 27.  
 Rose, D., see  
     Heilman, F. D. 21.  
 Rossier, A., see  
     Coulombier, G. 40.  
 Rotondo, G. C., see  
     Handelman, N. I. 8.  
 Roy, T. E., see  
     Johnson, W. H. 13.  
 Rubarth, S.; and Wollarez, E. 29.  
 Russell, P. E., see  
     Bennett, I. L., Jr. 20.  
 Ryff, J. F.; and Lee, A. M. 45.  
 Ryu, E. 29.  
  
 Sacharoff, P. P., see  
     Gudkowa, E. I. 46.  
 Sadusk, J. F., Jr. 16.  
 Salyi, G., see  
     Mocsy, J. 46.  
     ; and Hirt, G. 33.  
 Sandbu, H. 17, 29.  
 Sarrut, S., see  
     Coulombier, G. 40.  
 Sato, G., see  
     Hirato, K. 42.  
 Sauer, W., see  
     Trueb, C. L. P. 4.  
 Saunders, L. Z., see  
     Blood, D. C. 23.  
 Sautter, J. H., see  
     Sellers, A. F. 29.  
 Sautter, V., see  
     Schier, R. 11.  
 Savino, E. 10, 20, 21.  
     ; y Villazon, N. M. 17.  
 Sawyer, J. M., see  
     Evans, W. M. 32.  
 Sawyer, M. T., see  
     Osebold, J. W. 16, 22.  
     Scgaaf, van der A.; and Jong, J. M.  
         de. 29.

- Schaaf, A. van der. 4.  
 \_\_\_\_; and Jong, J. M. de. 33.  
 \_\_\_\_; Jong, J. J. de; and Jong, J. M.  
 de.. 29.  
 Schabinski, G., see  
     Urbach, H. 10.  
 Schwarte, L. H., see  
     Biester, H. E. 31.  
 Schier, R. 6.  
 Schineler, J., see  
     Patocka, F. 47.  
 Schipper, I. A.; Eveleth, D. F.;  
     Shumard, R. F.; and Richards, S. H.  
     45.  
 Schlegel-Oprecht, E. 17, 20.  
 Schlipkoter, W. 21.  
 Schmid, K. O. 13.  
 Schmidt, H. 41.  
 Schmidt, V.; and Nyfeldt, A. 10.  
 Schmitz, U. 13.  
 Schoening, H. W., see  
     Keiser, R. A. 3.  
 Scholz, H. D., see  
     Schulte, F. 17, 37.  
 Schoop, G. 20, 29.  
 Schrafel, C. E., see  
     Sellers, A. F. 29.  
 Schroder, J. K., see  
     Fish, N. A. 24, 38.  
 Schubert, W.; und Kochier, W. 42.  
 Schulze, F.; und Scholz, H. D. 17,  
     37.  
 Schulze, M. L.; Wahle, G. H.; Jr.;  
     and White, J. B. 10, 13.  
 Schulze, W. 29.  
 Schwarte, L. H., see  
     Biester, H. E. 23, 39, 44.  
 \_\_\_\_; and Biester, H. E. 29.  
 Scott, E. P., see  
     Handelman, N. I. 8.  
 Seastone, C. V. 7.  
 Sedallian, P.; Bertoye, A.; and  
     Carroz, M. 10.  
 \_\_\_\_; Moinecourt, J.; and Maral, R.  
     10, 13.  
 Seeliger, H. 4, 17, 35, 42.  
 \_\_\_\_; see  
     Linzenmeier, G. 35, 36.  
 Seeliger, H.; Jung, F.; Linzenmeier,  
     G.; and Odenthal, H. 4, 10.  
 \_\_\_\_; und Linzenmeier, G. 4, 17.  
 \_\_\_\_; and Sulzbacher, F. 17.  
 Segre, D., see  
     Olson, C. 27, 28.  
 \_\_\_\_; Olson, C.; Marsh, C. L.; and  
     Blore, I. C. 20, 29.  
 Seibold, H. R., see  
     Attleberger, M. H. 31.  
 Selinger, B.; and Becker, F. P. 45.  
 Sellers, A. F.; Pomeroy, B. S.;  
     Sautter, J. H.; Pint, L. H.; and  
     Schrafel, C. E. 29.  
 Shafar, J.; and Weir, J. C. R. 13.  
 Shalkop, W. T. 29.  
 Shamesova, L. G. 47.  
 Sherwood, B. S., see  
     Mathieu, P. L. 44.  
 Shimizu, K., see  
     Hirato. 42.  
 \_\_\_\_; Otsuka, G.; und Oka, M. 6.  
 Shkurko, H. D., see  
     Timofeyeva, A. N. 48.  
 \_\_\_\_; und Udaltsova, M. S. 47.  
 Shmelova, V. V. 47.  
 Shell, L. B., see  
     Gray, M. L. 34.  
 Shultz, G., see  
     Osebold, J. W. 16, 28, 37.  
 Shumard, R. F., see  
     Schipper, I. A. 45.  
 Simon, C. 6, 13, 33.  
 Simon, H., see  
     Hagemann, U. 12.  
 Singh, C., see  
     Gray, M. L. 32.  
 Sinics, A. 42.  
 Sippel, W. L., see  
     Boyer, C. I., Jr. 23, 44.  
 Sirks, J. L., see  
     Beute, A. E. 7.  
 Skhiladze, M. V. 47.  
 Slabospicky, T. P. 47.  
 Sloff, J. 10.  
 Smeal, J. T. 10.  
 Smith, H. C. 7, 29.  
 Smith, E. M., see  
     Malewitz, T. D. 27.  
 \_\_\_\_; Gray, M. I.; and Thorp, F., Jr.  
     36.

- Smith, R. E.; Reynolds, I. M.; and  
 Bennett, R. A. 33.  
 Schier, R. 6, 38.  
 —, see  
 Benazet, F. 12.  
 —; Lepine, P.; et Sautter, V. 11.  
 —; Renazet, F.; et Piechaud, M.  
 6, 7.  
 Solle, R., see  
     Bret, A. J. 8, 39.  
 Solomkin, P. S. 47.  
 Sparapani, G. C. 29.  
 Spararani, J. C. 33.  
 Spencer, C. R.; Hoyt, H. H.; and  
     Whitehair, C. K. 45.  
 Spiel, L.; und Wanko, T. 10.  
 Stafseth, H. J., see  
     Gray, M. L. 5, 14, 19, 34, 35,  
     44.  
 Stahly, G. L., see  
     Hunter, M. C. 14.  
 Standfuss, R. 17.  
 Stanley, N. F. 10, 17, 20, 39.  
 Starck, G. 10.  
 Starka, see  
     Patocka. 47.  
 Starr, T. J., see  
     Cury, A. 6.  
 Steigman, A. J., see  
     Kilham, L. 16.  
 Stein, C. D.; and Rogers, H. 36.  
 Stenberg, H.; and Hammainen, T. 18, 20.  
 Sterling, K. 17.  
 Stiksova, V. N., see  
     Pletneva, N. A. 47.  
 Strikwerda, E., see  
     De Vries, J. 24.  
 Stockton, J. J.; Neu, L.; Carpenter,  
     W. S.; and Gray, M. L. 33.  
 Stoerner, H. G.; Mendimer, F. H.;  
     and Foster, R. C. 45.  
 Stolnikov, V. I. 47.  
 Stoot, D. W. 10.  
 Stout, H. A., see  
     Gall, E. A. 12.  
 Stricker, F.; Grunert, Z.; Karellova,  
     K.; and Koppel, Z. 47.  
 —; Koppel, Z.; Grunert, Z.; and  
     Karellova, L. 48.  
 Sugawa, Y. 42.  
 Sulzbacher, F., see  
     Seeliger, H. P. 17.  
 Sureau, B., see  
     Martin, R. 9, 19.  
 Sutherland, A. K., see  
     Rhoades, H. E. 28.  
 Svenkerud, R. R. 33.  
 Swann, M. B. R., see  
     Murray, E. G. D. 27.  
 Sweebe, E. E., see  
     Cromwell, H. W. 23, 31.  
 Tabuchi, E.; Akiyama, Y.; and  
     Hosoda, T. 42.  
 Tajima, M. 34, 42.  
 Talmage, D. W., see  
     Dixon, F. J. 34.  
 Taubrich, F., see  
     Hellmann, E. 25.  
 Thamm, H. 30.  
 Tharp, V. L. 45.  
 Thibault, P., see  
     Bret, A. J. 8, 39.  
 Thompson, C. H. J. 34.  
 Thorp, F., Jr., see  
     Gray, M. L. 5, 14, 18, 19, 25,  
     32, 34, 35, 44.  
     Smith, E. M. 36.  
     —; Gray, M. L.; Riley, W. F., Jr.;  
         and Scholl, L. B. 30.  
 Timofeyeva, A. N.; Shkurko, E. D.;  
     and Udaltssova, M. S. 48.  
 Toneva, V. 48.  
 Topley, W. W. C.; and Wilson, G. S.  
     4.  
 Toshev, G.; Iliev, G.; and Ivanov, I.  
     48.  
 Toth, B. I., see  
     Csonto, L. 23.  
 Toucas, L., see  
     Lucas, A. 27.  
 Traub, E. 30.  
 Trueb, C. L. P.; und Sauer, W. 4.  
 Turn, J., see  
     Bolin, F. M. 23, 31.  
     Eveleth, D. F. 1, 24, 37.

- Udall, D. H. 4.  
 Udaltsova, M. S., see  
     Shkurko, E. D. 47.  
     Timofeyeva, A. N. 48.  
 Uher, J., see  
     Uher, V. 30.  
 Uher, V.; and Uher, J. 30.  
 Ungar, J.; Jenner, R. M.; and  
     Hunwicks, R. R. 35.  
  
 Vacek, R.; and Benda, R. 48.  
 Vallee, A. 11.  
     see  
     Jacotot, H. 25, 37.  
 van Beek, C.; en Haex, A. J. C. 14.  
 van den Berghe, L.; and Liessens, P.  
     30, 38.  
     ; Liessens, P.; and Kovacs, L.  
     30, 36, 38.  
 van der Murk, C. F. G. W., see  
     Jansen, J. 26.  
 Van der Vlark, J. 30.  
 van Dorssen, C. A.; and Jansen, J.  
     43.  
 van Driest, G. W. 4.  
 Van Ulsen, F. W. 30.  
 Vartiovaara, U., see  
     Roine, P. 19.  
 Vendrov, A. A. 48.  
 Viera, O.; and Castelo, M. 30.  
 Villazon, N. M., see  
     Savino, E. 17.  
 Virat, B., see  
     Jacotot, H. 25, 37.  
 Viswanathan, G. R.; and Ayyar, V. V.  
     30.  
 von Stuckradt, J. 30.  
 Voronina, T. P., see  
     Gudkova, E. I. 46.  
  
 Wagner, W., see  
     Dittmar, W. 8.  
 Wahle, G. H., Jr., see  
     Schulze, M. 10.  
 Wanko, T., see  
     Spiel, L. 10.  
  
 Ward, D. E. 31.  
 Warren, E., see  
     Heilman, F. R. 21.  
 Webb, R. A. 11.  
     see  
     Murray, E. G. D. 27.  
     ; and Barber, M. 14.  
 Webster, H. D., see  
     Gray, M. L. 5.  
 Weir, J. C. R., see  
     Shafer, J. 13.  
 Weisert, O., see  
     Kahr, T. 9.  
 Weiss, J. M., see  
     Binder, M. A. 8, 18.  
 Welch, H. 21.  
 Weller, T. H.; and Janeway, C. 4.  
 Wellman, W. E., see  
     Heilman, F. R. 21.  
 Westermarck, H. 31.  
 White, J. B., see  
     Schulze, M. L. 10, 13.  
 Whitehair, C. K., see  
     Spencer, C. R. 45.  
 Wiesmann, E. 42.  
 Wilhelm, R., see  
     Haas, W. 20.  
 Williams, R.; and Hornung, J. R. 11.  
 Wilson, G. S., see  
     Topley, W. W. C. 4.  
     ; and Miles, A. A. 11.  
 Winkler, C. H.; James, M. F.; and  
     Carter, R. D. 11.  
 Wising, P. J. 4, 11, 35, 38.  
 Wolff, H. L. 31.  
 Wollarez, E., see  
     Hubarth, S. 29.  
 Wong, M. H., see  
     Johnson, W. H. 13.  
 Worden, A. N., see  
     Kodicek, E. 19.  
 Wrabby, G. O. 17, 31.  
  
 Yakulis, V. J., see  
     Korn, R. J. 16.  
 Yawata, Y., see  
     Hirato, K. 42.  
 Young, L. E. 17, 35.

Young, R. M., see  
Mathieu, P. L. 44.  
Young, S. 31.

Zehetbauer, G., see  
Flamm, H. 32.  
Zeissler, J. 35.  
Zeller, M. 7.  
Zeller, see  
Beller, K. 1.  
Zink, A.; Mello, G. C. de; and  
Burkhart, R. L. 20.

**UNCLASSIFIED**

**UNCLASSIFIED**